

PI Aksenov M, Carney JM, Hensley K, Butterfield DA;
 XX
 DR WPI; 1999-034120/03.
 XX
 PT Process for treating synthetic amyloid beta peptides - by organic solvent
 PT treatment, useful for studying neurotoxicity.
 XX
 PS Claim 5; Col 9-10; 14pp; English.
 XX
 CC Sequences AAW81466 to AAW81476 represent synthetic amyloid beta (Abeta)
 CC peptides. The invention provides a process for treating a synthetic Abeta
 CC peptide that comprises dissolving the peptide in a deoxygenated solvent
 CC selected from trifluoroethanol, hexafluorocyclohexane, dimethyl
 CC sulphoxide, morpholinopropanesulphonic acid, dimethylformamide and
 CC acetonitrile to a concentration of 0.01-10 mg/ml, incubating the solution
 CC at 20-65 deg. C for 0.5-4 hour, and removing the solvent by 'evaporative
 CC deposition' in 5-10 minutes. Synthetic amyloid beta peptides are useful
 CC as research tools for studying neurotoxicity resulting from Abeta peptide
 CC -enhanced free-radical production. The treatment increases the activity
 CC of the synthetic Abeta peptides in tests to determine free-radical
 CC generating capacity and glutamine synthetase inactivation
 XX
 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 2; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 73

AAB35591

ID AAB35591 standard; peptide; 28 AA.

XX

AC AAB35591;

XX

DT 15-FEB-2001 (first entry)

XX

DE Human clone D1N B(1-28) amyloid B peptide.

XX

KW Beta-amyloid; amyloid deposit; Alzheimer's disease; thrombolytic therapy;
 KW acute cardiovascular disease; therapy.

XX

OS Homo sapiens.

XX

PN US6136548-A.

XX

PD 24-OCT-2000.

XX

PF 02-SEP-1999; 99US-00388890.

XX

PR 22-NOV-1994; 94US-00347144.

PR 22-NOV-1995; 95WO-US015007.

PR 26-JUL-1996; 96US-00686959.

XX
 PA (RUTF) UNIV RUTGERS STATE NEW JERSEY.
 XX
 PI Anderson S;
 XX
 DR WPI; 2001-030939/04.
 XX
 PT Identifying mutant tissue-type plasminogen activator (t-PA) for improving
 PT thrombolytic therapy or treating vascular hemorrhaging, by determining
 PT whether t-PA binds to fibrin but not to a beta amyloid peptide.
 XX
 PS Example 3; Col 26; 23pp; English.
 XX
 CC The present invention describes a method for identifying mutant
 CC derivatives of tissue-type plasminogen activator, which involves
 CC determining whether or not they bind to beta-amyloid peptides and fibrin.
 CC Mutants will only bind to the latter. These mutants are useful in
 CC improved thrombolytic therapies, in the treatment of Alzheimer's disease
 CC and in the treatment of acute cardiovascular disease, which may be caused
 CC by myocardial infarction, stroke, ischaemia and pulmonary embolism
 XX
 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 74

AAB35595

ID AAB35595 standard; peptide; 28 AA.

XX

AC AAB35595;

XX

DT 15-FEB-2001 (first entry)

XX

DE Human clone D7Q B(1-28) amyloid B peptide.

XX

KW Beta-amyloid; amyloid deposit; Alzheimer's disease; thrombolytic therapy;
 KW acute cardiovascular disease; therapy.

XX

OS Homo sapiens.

XX

PN US6136548-A.

XX

PD 24-OCT-2000.

XX

PF 02-SEP-1999; 99US-00388890.

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PR 22-NOV-1994; 94US-00347144.

PR 22-NOV-1995; 95WO-US015007.

PR 26-JUL-1996; 96US-00686959.

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CC improved thrombolytic therapies, in the treatment of Alzheimer's disease
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CC by myocardial infarction, stroke, ischaemia and pulmonary embolism

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SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;

Best Local Similarity 100.0%; Pred. No. 0.12;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8

|||||||

Db 16 KLVFFAED 23

RESULT 75

AAB35594

ID AAB35594 standard; peptide; 28 AA.

XX

AC AAB35594;

XX

DT 15-FEB-2001 (first entry)

XX

DE Human clone H6Q B(1-28) amyloid B peptide.

XX

KW Beta-amyloid; amyloid deposit; Alzheimer's disease; thrombolytic therapy;
KW acute cardiovascular disease; therapy.

XX

OS Homo sapiens.

XX

PN US6136548-A.

XX

PD 24-OCT-2000.

XX

PF 02-SEP-1999; 99US-00388890.

XX

PR 22-NOV-1994; 94US-00347144.

PR 22-NOV-1995; 95WO-US015007.

PR 26-JUL-1996; 96US-00686959.

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 CC Mutants will only bind to the latter. These mutants are useful in
 CC improved thrombolytic therapies, in the treatment of Alzheimer's disease
 CC and in the treatment of acute cardiovascular disease, which may be caused
 CC by myocardial infarction, stroke, ischaemia and pulmonary embolism
 XX
 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 76

AAB35592

ID AAB35592 standard; peptide; 28 AA.

XX

AC AAB35592;

XX

DT 15-FEB-2001 (first entry)

XX

DE Human clone E3Q B(1-28) amyloid B peptide.

XX

KW Beta-amyloid; amyloid deposit; Alzheimer's disease; thrombolytic therapy;
 KW acute cardiovascular disease; therapy.

XX

OS Homo sapiens.

XX

PN US6136548-A.

XX

PD 24-OCT-2000.

XX

PF 02-SEP-1999; 99US-00388890.

XX

PR 22-NOV-1994; 94US-00347144.

PR 22-NOV-1995; 95WO-US015007.

PR 26-JUL-1996; 96US-00686959.

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PA (RUTE) UNIV RUTGERS STATE NEW JERSEY.

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PI Anderson S;
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 PT whether t-PA binds to fibrin but not to a beta amyloid peptide.
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 CC The present invention describes a method for identifying mutant
 CC derivatives of tissue-type plasminogen activator, which involves
 CC determining whether or not they bind to beta-amyloid peptides and fibrin.
 CC Mutants will only bind to the latter. These mutants are useful in
 CC improved thrombolytic therapies, in the treatment of Alzheimer's disease
 CC and in the treatment of acute cardiovascular disease, which may be caused
 CC by myocardial infarction, stroke, ischaemia and pulmonary embolism
 XX
 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 77

AAB35593

ID AAB35593 standard; peptide; 28 AA.

XX

AC AAB35593;

XX

DT 15-FEB-2001 (first entry)

XX

DE Human clone R5Q B(1-28) amyloid B peptide.

XX

KW Beta-amyloid; amyloid deposit; Alzheimer's disease; thrombolytic therapy;
 KW acute cardiovascular disease; therapy.

XX

OS Homo sapiens.

XX

PN US6136548-A.

XX

PD 24-OCT-2000.

XX

PF 02-SEP-1999; 99US-00388890.

XX

PR 22-NOV-1994; 94US-00347144.

PR 22-NOV-1995; 95WO-US015007.

PR 26-JUL-1996; 96US-00686959.

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 CC improved thrombolytic therapies, in the treatment of Alzheimer's disease
 CC and in the treatment of acute cardiovascular disease, which may be caused
 CC by myocardial infarction, stroke, ischaemia and pulmonary embolism
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 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 78

AAB35597

ID AAB35597 standard; peptide; 28 AA.

XX

AC AAB35597;

XX

DT 15-FEB-2001 (first entry)

XX

DE Human clone H13Q B(1-28) amyloid B peptide.

XX

KW Beta-amyloid; amyloid deposit; Alzheimer's disease; thrombolytic therapy;
 KW acute cardiovascular disease; therapy.

XX

OS Homo sapiens.

XX

PN US6136548-A.

XX

PD 24-OCT-2000.

XX

PF 02-SEP-1999; 99US-00388890.

XX

PR 22-NOV-1994; 94US-00347144.

PR 22-NOV-1995; 95WO-US015007.

PR 26-JUL-1996; 96US-00686959.

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 PT thrombolytic therapy or treating vascular hemorrhaging, by determining
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 CC derivatives of tissue-type plasminogen activator, which involves
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 CC improved thrombolytic therapies, in the treatment of Alzheimer's disease
 CC and in the treatment of acute cardiovascular disease, which may be caused
 CC by myocardial infarction, stroke, ischaemia and pulmonary embolism
 XX
 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 79

AAB35596

ID AAB35596 standard; peptide; 28 AA.

XX

AC AAB35596;

XX

DT 15-FEB-2001 (first entry)

XX

DE Human clone E11Q B(1-28) amyloid B peptide.

XX

KW Beta-amyloid; amyloid deposit; Alzheimer's disease; thrombolytic therapy;
 KW acute cardiovascular disease; therapy.

XX

OS Homo sapiens.

XX

PN US6136548-A.

XX

PD 24-OCT-2000.

XX

PF 02-SEP-1999; 99US-00388890.

XX

PR 22-NOV-1994; 94US-00347144.

PR 22-NOV-1995; 95WO-US015007.

PR 26-JUL-1996; 96US-00686959.

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DR WPI; 2001-030939/04.

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PT thrombolytic therapy or treating vascular hemorrhaging, by determining
PT whether t-PA binds to fibrin but not to a beta amyloid peptide.
XX
PS Example 3; Col 26; 23pp; English.
XX
CC The present invention describes a method for identifying mutant
CC derivatives of tissue-type plasminogen activator, which involves
CC determining whether or not they bind to beta-amyloid peptides and fibrin.
CC Mutants will only bind to the latter. These mutants are useful in
CC improved thrombolytic therapies, in the treatment of Alzheimer's disease
CC and in the treatment of acute cardiovascular disease, which may be caused
CC by myocardial infarction, stroke, ischaemia and pulmonary embolism
XX
SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 80

AAB35598

ID AAB35598 standard; peptide; 28 AA.

XX

AC AAB35598;

XX

DT 15-FEB-2001 (first entry)

XX

DE Human clone H14Q B(1-28) amyloid B peptide.

XX

KW Beta-amyloid; amyloid deposit; Alzheimer's disease; thrombolytic therapy;
KW acute cardiovascular disease; therapy.

XX

OS Homo sapiens.

XX

PN US6136548-A.

XX

PD 24-OCT-2000.

XX

PF 02-SEP-1999; 99US-00388890.

XX

PR 22-NOV-1994; 94US-00347144.

PR 22-NOV-1995; 95WO-US015007.

PR 26-JUL-1996; 96US-00686959.

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DR WPI; 2001-030939/04.

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PT thrombolytic therapy or treating vascular hemorrhaging, by determining
PT whether t-PA binds to fibrin but not to a beta amyloid peptide.

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PS Example 3; Col 26; 23pp; English.

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CC The present invention describes a method for identifying mutant
CC derivatives of tissue-type plasminogen activator, which involves
CC determining whether or not they bind to beta-amyloid peptides and fibrin.
CC Mutants will only bind to the latter. These mutants are useful in
CC improved thrombolytic therapies, in the treatment of Alzheimer's disease
CC and in the treatment of acute cardiovascular disease, which may be caused
CC by myocardial infarction, stroke, ischaemia and pulmonary embolism

XX

SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;

Best Local Similarity 100.0%; Pred. No. 0.12;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8

|||||||

Db 16 KLVFFAED 23

RESULT 81

AAB36202

ID AAB36202 standard; peptide; 28 AA.

XX

AC AAB36202;

XX

DT 15-FEB-2001 (first entry)

XX

DE Human clone K28Q B(1-28) amyloid B peptide.

XX

KW Beta-amyloid; amyloid deposit; Alzheimer's disease; thrombolytic therapy;
KW acute cardiovascular disease; therapy.

XX

OS Homo sapiens.

XX

PN US6136548-A.

XX

PD 24-OCT-2000.

XX

PF 02-SEP-1999; 99US-00388890.

XX

PR 22-NOV-1994; 94US-00347144.

PR 22-NOV-1995; 95WO-US015007.

PR 26-JUL-1996; 96US-00686959.

XX

PA (RUTF) UNIV RUTGERS STATE NEW JERSEY.

XX

PI Anderson S;

XX

DR WPI; 2001-030939/04.

XX

PT Identifying mutant tissue-type plasminogen activator (t-PA) for improving

PT thrombolytic therapy or treating vascular hemorrhaging, by determining
PT whether t-PA binds to fibrin but not to a beta amyloid peptide.
XX
PS Example 3; Col 26; 23pp; English.
XX
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CC derivatives of tissue-type plasminogen activator, which involves
CC determining whether or not they bind to beta-amyloid peptides and fibrin.
CC Mutants will only bind to the latter. These mutants are useful in
CC improved thrombolytic therapies, in the treatment of Alzheimer's disease
CC and in the treatment of acute cardiovascular disease, which may be caused
CC by myocardial infarction, stroke, ischaemia and pulmonary embolism
XX
SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 82

AAB35590

ID AAB35590 standard; peptide; 28 AA.

XX

AC AAB35590;

XX

DT 15-FEB-2001 (first entry)

XX

DE Human clone B(1-28) amyloid B peptide.

XX

KW Beta-amyloid; amyloid deposit; Alzheimer's disease; thrombolytic therapy;

KW acute cardiovascular disease; therapy.

XX

OS Homo sapiens.

XX

PN US6136548-A.

XX

PD 24-OCT-2000.

XX

PF 02-SEP-1999; 99US-00388890.

XX

PR 22-NOV-1994; 94US-00347144.

PR 22-NOV-1995; 95WO-US015007.

PR 26-JUL-1996; 96US-00686959.

XX

PA (RUTF) UNIV RUTGERS STATE NEW JERSEY.

XX

PI Anderson S;

XX

DR WPI; 2001-030939/04.

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PT thrombolytic therapy or treating vascular hemorrhaging, by determining

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 CC Mutants will only bind to the latter. These mutants are useful in
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 CC and in the treatment of acute cardiovascular disease, which may be caused
 CC by myocardial infarction, stroke, ischaemia and pulmonary embolism
 XX
 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 83

AAB91816

ID AAB91816 standard; peptide; 28 AA.

XX

AC AAB91816;

XX

DT 22-JUN-2001 (first entry)

XX

DE Amyloid beta-protein fragment peptide SEQ ID NO:992.

XX

KW Protection; endogenous therapeutic peptide; peptidase; conjugation;
 KW blood component; modification; succinimidyl; maleimido group; amino;
 KW hydroxyl; thiol; hormone; growth factor; neurotransmitter.

XX

OS Homo sapiens.

OS Synthetic.

XX

PN WO200069900-A2.

XX

PD 23-NOV-2000.

XX

PF 17-MAY-2000; 2000WO-US013576.

XX

PR 17-MAY-1999; 99US-0134406P.

PR 10-SEP-1999; 99US-0153406P.

PR 15-OCT-1999; 99US-0159783P.

XX

PA (CONJ-) CONJUCHEM INC.

XX

PI Bridon DP, Ezrin AM, Milner PG, Holmes DL, Thibaudeau K;

XX

DR WPI; 2001-112059/12.

XX

PT Modifying and attaching therapeutic peptides to albumin prevents

PT peptidase degradation, useful for increasing length of in vivo activity.
XX
PS Disclosure; Page 519; 733pp; English.
XX
CC The present invention describes a modified therapeutic peptide (I)
CC comprising a therapeutically active amino acid region (III) and a
CC reactive group (II) (e.g. succinimidyl and maleimido groups) attached to
CC a less therapeutically active amino acid region (IV), which covalently
CC bonds with amino/hydroxyl/thiol groups on blood components to form a
CC peptidase stabilised therapeutic peptide composed of 3-50 amino acids.
CC (I) are useful for modifying therapeutic peptides e.g. hormones, growth
CC factors and neurotransmitters, to protect them from peptidase activity in
CC vivo for the treatment of various disorders. Endogenous therapeutic
CC peptides are not suitable as drug candidates as they require frequent
CC administration due to rapid degradation by peptidases in the body.
CC Modifying and attaching therapeutic peptides to albumin prevents or
CC reduces the action of peptidases to increase length of activity (half
CC life) and specificity as bonding to large molecules decreases
CC intracellular uptake and interference with physiological processes.
CC AAB90829 to AAB92441 represent peptides which can be used in the
CC exemplification of the present invention
XX
SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||||
Db 16 KLVFFAED 23

RESULT 84

AAB91789

ID AAB91789 standard; peptide; 28 AA.

XX

AC AAB91789;

XX

DT 22-JUN-2001 (first entry)

XX

DE Amyloid beta-protein fragment peptide SEQ ID NO:965.

XX

KW Protection; endogenous therapeutic peptide; peptidase; conjugation;
KW blood component; modification; succinimidyl; maleimido group; amino;
KW hydroxyl; thiol; hormone; growth factor; neurotransmitter.

XX

OS Homo sapiens.

OS Synthetic.

XX

PN WO200069900-A2.

XX

PD 23-NOV-2000.

XX

PF 17-MAY-2000; 2000WO-US013576.

XX

PR 17-MAY-1999; 99US-0134406P.

PR 10-SEP-1999; 99US-0153406P.
PR 15-OCT-1999; 99US-0159783P.

XX

PA (CONJ-) CONJUCHEM INC.

XX

PI Bridon DP, Ezrin AM, Milner PG, Holmes DL, Thibaudeau K;

XX

DR WPI; 2001-112059/12.

XX

PT Modifying and attaching therapeutic peptides to albumin prevents
PT peptidase degradation, useful for increasing length of in vivo activity.

XX

PS Disclosure; Page 509; 733pp; English.

XX

CC The present invention describes a modified therapeutic peptide (I)
CC comprising a therapeutically active amino acid region (III) and a
CC reactive group (II) (e.g. succinimidyl and maleimido groups) attached to
CC a less therapeutically active amino acid region (IV), which covalently
CC bonds with amino/hydroxyl/thiol groups on blood components to form a
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CC AAB90829 to AAB92441 represent peptides which can be used in the
CC exemplification of the present invention

XX

SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;

Best Local Similarity 100.0%; Pred. No. 0.12;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8

|||||||

Db 16 KLVFFAED 23

RESULT 85

AAB91827

ID AAB91827 standard; peptide; 28 AA.

XX

AC AAB91827;

XX

DT 22-JUN-2001 (first entry)

XX

DE Amyloid beta-protein fragment peptide SEQ ID NO:1003.

XX

KW Protection; endogenous therapeutic peptide; peptidase; conjugation;
KW blood component; modification; succinimidyl; maleimido group; amino;
KW hydroxyl; thiol; hormone; growth factor; neurotransmitter.

XX

OS Homo sapiens.
 OS Synthetic.
 XX
 PN WO200069900-A2.
 XX
 PD 23-NOV-2000.
 XX
 PF 17-MAY-2000; 2000WO-US013576.
 XX
 PR 17-MAY-1999; 99US-0134406P.
 PR 10-SEP-1999; 99US-0153406P.
 PR 15-OCT-1999; 99US-0159783P.
 XX
 PA (CONJ-) CONJUCHEM INC.
 XX
 PI Bridon DP, Ezrin AM, Milner PG, Holmes DL, Thibaudeau K;
 XX
 DR WPI; 2001-112059/12.
 XX
 PT Modifying and attaching therapeutic peptides to albumin prevents
 PT peptidase degradation, useful for increasing length of in vivo activity.
 XX
 PS Disclosure; Page 523; 733pp; English.
 XX
 CC The present invention describes a modified therapeutic peptide (I)
 CC comprising a therapeutically active amino acid region (III) and a
 CC reactive group (II) (e.g. succinimidyl and maleimido groups) attached to
 CC a less therapeutically active amino acid region (IV), which covalently
 CC bonds with amino/hydroxyl/thiol groups on blood components to form a
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Query Match 100.0%; Score 40; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 86
 AAB91783
 ID AAB91783 standard; peptide; 28 AA.
 XX

AC AAB91783;
 XX
 DT 22-JUN-2001 (first entry)
 XX
 DE Amyloid beta-protein fragment peptide SEQ ID NO:959.
 XX
 KW Protection; endogenous therapeutic peptide; peptidase; conjugation;
 KW blood component; modification; succinimidyl; maleimido group; amino;
 KW hydroxyl; thiol; hormone; growth factor; neurotransmitter.
 XX
 OS Homo sapiens.
 OS Synthetic.
 XX
 PN WO200069900-A2.
 XX
 PD 23-NOV-2000.
 XX
 PF 17-MAY-2000; 2000WO-US013576.
 XX
 PR 17-MAY-1999; 99US-0134406P.
 PR 10-SEP-1999; 99US-0153406P.
 PR 15-OCT-1999; 99US-0159783P.
 XX
 PA (CONJ-) CONJUCHEM INC.
 XX
 PI Bridon DP, Ezrin AM, Milner PG, Holmes DL, Thibaudeau K;
 XX
 DR WPI; 2001-112059/12.
 XX
 PT Modifying and attaching therapeutic peptides to albumin prevents
 PT peptidase degradation, useful for increasing length of in vivo activity.
 XX
 PS Disclosure; Page 507; 733pp; English.
 XX
 CC The present invention describes a modified therapeutic peptide (I)
 CC comprising a therapeutically active amino acid region (III) and a
 CC reactive group (II) (e.g. succinimidyl and maleimido groups) attached to
 CC a less therapeutically active amino acid region (IV), which covalently
 CC bonds with amino/hydroxyl/thiol groups on blood components to form a
 CC peptidase stabilised therapeutic peptide composed of 3-50 amino acids.
 CC (I) are useful for modifying therapeutic peptides e.g. hormones, growth
 CC factors and neurotransmitters, to protect them from peptidase activity in
 CC vivo for the treatment of various disorders. Endogenous therapeutic
 CC peptides are not suitable as drug candidates as they require frequent
 CC administration due to rapid degradation by peptidases in the body.
 CC Modifying and attaching therapeutic peptides to albumin prevents or
 CC reduces the action of peptidases to increase length of activity (half
 CC life) and specificity as bonding to large molecules decreases
 CC intracellular uptake and interference with physiological processes.
 CC AAB90829 to AAB92441 represent peptides which can be used in the
 CC exemplification of the present invention
 XX
 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||||
Db 16 KLVFFAED 23

RESULT 87

AAB91800

ID AAB91800 standard; peptide; 28 AA.

XX

AC AAB91800;

XX

DT 22-JUN-2001 (first entry)

XX

DE Amyloid beta-protein fragment peptide SEQ ID NO:976.

XX

KW Protection; endogenous therapeutic peptide; peptidase; conjugation;
KW blood component; modification; succinimidyl; maleimido group; amino;
KW hydroxyl; thiol; hormone; growth factor; neurotransmitter.

XX

OS Homo sapiens.

OS Synthetic.

XX

PN WO200069900-A2.

XX

PD 23-NOV-2000.

XX

PF 17-MAY-2000; 2000WO-US013576.

XX

PR 17-MAY-1999; 99US-0134406P.

PR 10-SEP-1999; 99US-0153406P.

PR 15-OCT-1999; 99US-0159783P.

XX

PA (CONJ-) CONJUCHEM INC.

XX

PI Bridon DP, Ezrin AM, Milner PG, Holmes DL, Thibaudeau K;

XX

DR WPI; 2001-112059/12.

XX

PT Modifying and attaching therapeutic peptides to albumin prevents
PT peptidase degradation, useful for increasing length of in vivo activity.

XX

PS Disclosure; Page 513; 733pp; English.

XX

CC The present invention describes a modified therapeutic peptide (I)
CC comprising a therapeutically active amino acid region (III) and a
CC reactive group (II) (e.g. succinimidyl and maleimido groups) attached to
CC a less therapeutically active amino acid region (IV), which covalently
CC bonds with amino/hydroxyl/thiol groups on blood components to form a
CC peptidase stabilised therapeutic peptide composed of 3-50 amino acids.
CC (I) are useful for modifying therapeutic peptides e.g. hormones, growth
CC factors and neurotransmitters, to protect them from peptidase activity in
CC vivo for the treatment of various disorders. Endogenous therapeutic
CC peptides are not suitable as drug candidates as they require frequent
CC administration due to rapid degradation by peptidases in the body.
CC Modifying and attaching therapeutic peptides to albumin prevents or
CC reduces the action of peptidases to increase length of activity (half

CC life) and specificity as bonding to large molecules decreases
CC intracellular uptake and interference with physiological processes.
CC AAB90829 to AAB92441 represent peptides which can be used in the
CC exemplification of the present invention

XX

SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 88

AAB49396

ID AAB49396 standard; peptide; 28 AA.

XX

AC AAB49396;

XX

DT 06-MAR-2001 (first entry)

XX

DE Human amyloid peptide protein fragment SEQ ID NO: 11.

XX

KW Human; immunogenic peptide; immune response; monophosphoryl lipid A;
KW antigen; infection; cancer; amyloid deposition.

XX

OS Homo sapiens.

XX

PN WO200069456-A2.

XX

PD 23-NOV-2000.

XX

PF 12-MAY-2000; 2000WO-US013156.

XX

PR 13-MAY-1999; 99US-0133963P.

XX

PA (AMCY) AMERICAN CYANAMID CO.

XX

PI Hagen M;

XX

DR WPI; 2001-024946/03.

XX

PT Antigenic composition having an antigen (e.g. viral protein) and an
PT adjuvant, useful for enhancing humoral and cellular immune response in a
PT host or as a prophylaxis against virus, bacterium, parasite, cancer cell
PT or allergen.

XX

PS Disclosure; Page 40; 129pp; English.

XX

CC The present invention provides an antigenic composition comprising an
CC antigen with a 3-O-deacylated monophosphoryl lipid A or monophosphoryl
CC lipid A adjuvant. The presence of the adjuvant causes an increased immune
CC response. The antigen may be from a pathogenic bacterium, fungus, virus
CC or parasite, a cancer cell, an allergen or from amyloid peptide protein.

CC The composition can be used in the prevention and treatment of infection,
CC cancer and diseases caused by amyloid deposition. It is particularly
CC useful against HIV, Neisseria gonorrhoeae and respiratory syncytial virus
XX
SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 89

AAE21439

ID AAE21439 standard; peptide; 28 AA.

XX

AC AAE21439;

XX

DT 16-JUL-2002 (first entry)

XX

DE Human beta-amyloid peptide #2.

XX

KW Recombinant polynucleotide; rPN; DNA-dependent RNA polymerase; human;

KW positive-strand RNA virus; psRNAV; recombinant protein synthesis;

KW cancer immunotherapy; subunit vaccine; gene therapy; A beta peptide;

KW beta-amyloid peptide.

XX

OS Homo sapiens.

XX

PN WO200218585-A2.

XX

PD 07-MAR-2002.

XX

PF 28-AUG-2001; 2001WO-US041888.

XX

PR 29-AUG-2000; 2000US-0228906P.

XX

PA (AMCY) AMERICAN CYANAMID CO.

XX

PI Kovacs GR, Vasilakis N, Kowalski J, Zamb T, Gangolli SS;

XX

DR WPI; 2002-315540/35.

XX

PT New recombinant polynucleotides encoding positive-strand RNA virus

PT structural proteins useful for creating virus-based (e.g. poxvirus)

PT replicon particle packaging systems for use in recombinant protein

PT synthesis or gene therapy.

XX

PS Disclosure; Page 32; 99pp; English.

XX

CC The invention relates to recombinant polynucleotides (designated rPN)

CC which comprise encoding a DNA-dependent RNA polymerase, positive-strand

CC RNA virus (psRNAV) structural protein, and/or a replicon-like psRNAV

CC helper RNA sequence and/or heterologous promoters operatively linked to

CC sequences encoding at least one foreign polypeptide, psRNAV capsid and/or
CC psRNAV glycoprotein. The recombinant polynucleotides and vectors are
CC useful for creating virus-based (e.g. poxvirus) replicon particle
CC packaging systems. They are also particularly useful in subunit vaccine
CC gene delivery, gene therapy, cancer immunotherapy and recombinant protein
CC synthesis. The present sequence is human beta-amyloid peptide also
CC referred to as A beta peptide which serves as fragment of foreign
CC polypeptide of the invention

XX

SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 5; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 90

ABB76030

ID ABB76030 standard; peptide; 28 AA.

XX

AC ABB76030;

XX

DT 12-JUL-2002 (first entry)

XX

DE Beta amyloid peptide fragment.

XX

KW Beta amyloid; Alzheimer's disease; amyloidogenic disease; amyloidosis;

KW human; mucin-binding protein; vaccine; gene therapy;

KW Streptococcus pneumoniae.

XX

OS Homo sapiens.

XX

PN WO200228351-A2.

XX

PD 11-APR-2002.

XX

PF 04-OCT-2001; 2001WO-US031269.

XX

PR 04-OCT-2000; 2000US-0237888P.

PR 07-FEB-2001; 2001US-0267104P.

XX

PA (AMHP) AMERICAN HOME PROD CORP.

PA (UYNY) UNIV NEW YORK STATE RES FOUND.

XX

PI Green BA, Masi AW, Reddy MS;

XX

DR WPI; 2002-383318/41.

XX

PT Mucin binding proteins, useful in the induction of an immune response to,
PT and in the diagnosis of, pneumococcal infections.

XX

PS Disclosure; Page 19; 71pp; English.

XX

CC The present sequence is a fragment of the human beta amyloid peptide (see
 CC also ABB76029), which is derived from amyloid peptide protein implicated
 CC in Alzheimer's disease, amyloidosis and amyloidogenic disease.
 CC Administration of the beta amyloid peptide induces an immune response
 CC against the beta amyloid component of an amyloid deposit. The beta
 CC amyloid may be linked to unrelated moieties, in the present case to the
 CC mucin-binding protein (see ABB76025 and ABB76026) of Streptococcus
 CC pneumoniae. Heterologous nucleotide sequences of the present invention
 CC may include the expression of beta amyloid peptide, or fragments of it,
 CC making use of the normal route of infection of pneumococcal bacteria.
 CC These enter the body through the respiratory tract to infect a variety of
 CC tissues and cells, including the meninges

XX

SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 5; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 91

AA018476

ID AA018476 standard; peptide; 28 AA.

XX

AC AA018476;

XX

DT 11-OCT-2002 (first entry)

XX

DE Human beta-amyloid protein production inhibitor related peptide.

XX

KW Human; beta-amyloid; beta-AP; amyloid production inhibitor; nootropic;
 KW neuroprotective; intramolecular bridge; Alzheimer's disease;
 KW amyloidogenesis.

XX

OS Unidentified.

XX

PN WO200255552-A2.

XX

PD 18-JUL-2002.

XX

PF 21-DEC-2001; 2001WO-EP015181.

XX

PR 13-JAN-2001; 2001DE-01001430.

XX

PA (FRAU) FRAUNHOFER GES FOERDERUNG ANGEWANDTEN.

XX

PI Kapurniotu A, Bernhagen J, Brunner H;

XX

DR WPI; 2002-575427/61.

XX

PT New cyclic peptide, useful for treatment, prevention and diagnosis of
 PT Alzheimer's disease, is an intramolecularly bridged forms of beta-
 PT amyloid.

XX
PS Example 2; Fig 3; 44pp; German.
XX
CC The present invention relates to polypeptides capable of modulating
CC amyloidogenesis, comprising beta-amyloid with at least one intramolecular
CC bridge. These polypeptides can be used in the prevention and treatment of
CC diseases associated with amyloid formation, particularly Alzheimer's
CC disease. The present sequence is a peptide shownn in the exemplification
CC of the invention
XX
SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 5; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||
Db 16 KLVFFAED 23

RESULT 92

AAU76484

ID AAU76484 standard; protein; 28 AA.

XX

AC AAU76484;

XX

DT 21-MAY-2002 (first entry)

XX

DE Amino acids 1-29 of human beta-amyloid peptide protein (APP).

XX

KW Influenza haemagglutinin A protein; vesicular stomatitis virus;
KW G protein; VSV; antiviral; antibacterial; antifungal; antiparasitic;
KW immunostimulant; virus-like particle; VLP; immunogenic; vaccine; APP;
KW haemagglutinin; HA; neuraminidase; NA; beta-amyloid peptide protein.

XX

OS Homo sapiens.

XX

PN WO200200885-A2.

XX

PD 03-JAN-2002.

XX

PF 21-JUN-2001; 2001WO-US019890.

XX

PR 23-JUN-2000; 2000US-0213656P.

PR 17-APR-2001; 2001US-0284411P.

XX

PA (AMCY) AMERICAN CYANAMID CO.

XX

PI Galarza JM, Latham TE;

XX

DR WPI; 2002-205932/26.

XX

PT Production of influenza virus-like particles (VLPs) composed of one
PT matrix protein (M1) and structural proteins of influenza, useful in
PT immunogenic compositions against new influenza variants.

XX

PS Disclosure; Page 35; 90pp; English.

XX

CC The invention relates to production of influenza virus-like particles
CC (VLPs) composed of one matrix protein and further including structural
CC proteins of influenza, comprising constructing one or more recombinant
CC DNA encoding the matrix protein and one structural protein, and
CC transfecting these into host cells which can then express the VLP. The
CC VLPs produced can be used in immunogenic compositions against new
CC influenza variants. The VLPs can also incorporate non-influenza peptides
CC which can be used in immunogenic compositions against other pathogenic
CC micro-organisms such as bacteria, fungi or parasites. The ability to
CC replace surface glycoproteins with different sub-types of haemagglutinin
CC (HA) and neuraminidase (NA) would permit the updating of formulations
CC with new antigenic variants of these proteins. The present sequence
CC represents amino acids 1-29 of human beta-amyloid peptide used as a non-
CC influenza peptide in an immunogenic composition of the invention. Note:
CC The patent specification obtained from the patent office had claim
CC numbers 28 to 38 missing, but none of the pages were missing

XX

SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 5; Length 28;

Best Local Similarity 100.0%; Pred. No. 0.12;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8

|||||||

Db 16 KLVFFAED 23

RESULT 93

ABB04910

ID ABB04910 standard; peptide; 28 AA.

XX

AC ABB04910;

XX

DT 14-MAR-2002 (first entry)

XX

DE Human amyloid beta protein (beta-A4) peptide 1-28 SEQ ID NO:1.

XX

KW Human; amyloid beta protein; beta-A4; memory enhancement; learning.

XX

OS Homo sapiens.

XX

PN US6320024-B1.

XX

PD 20-NOV-2001.

XX

PF 09-MAR-1999; 99US-00264709.

XX

PR 07-FEB-1997; 97US-00797782.

XX

PA (ROBE/) ROBERTS E.

XX

PI Roberts E;

XX

DR WPI; 2002-096566/13..

XX
PT New peptide compound useful for design of substances that enhance memory.
XX
PS Disclosure; Col 1; 30pp; English.
XX
CC The present invention describes a novel peptide compound comprising Lys-
CC His-Tyr-beta-alanine, which has a memory modulating effect. The peptide
CC has nootropic activity. The peptide can be used for the development of
CC topographic models useful to design and synthesise memory-enhancing and
CC life-quality improving substances. The peptide compound restores the
CC balance between excitatory and inhibitory systems in the brain, which is
CC required for optimal acquisition and retention of learning and helps to
CC correct defects in the balance that arise as a result of aging,
CC infections and injury. The substances exert cyberneticising effects on
CC nervous system function and has more prolonged desired effects at lower
CC doses than the peptide structures. The substances mimic the action of
CC active peptides without having a peptide structure and do not subject to
CC degradation of peptide-splitting enzymes in the gut or other tissues. The
CC present sequence represents a human amyloid beta protein (beta-A4)
CC peptide, which is used in the exemplification of the present invention
XX
SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 5; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 94

AAE26081

ID AAE26081 standard; peptide; 28 AA.

XX

AC AAE26081;

XX

DT 14-NOV-2002 (first entry)

XX

DE Beta amyloid peptide.

XX

KW Antigenic composition; cancer; aminoalkyl glucosamine phosphate compound;

KW AGP; immune response; cytotoxic T lymphocyte; allergic response; tumour;

KW amyloid deposition; vaccine; antifungal; antibacterial; antiparasitic;

KW cytostatic; immunostimulant; virucide; beta amyloid peptide.

XX

OS Unidentified.

XX

PN WO200238177-A2.

XX

PD 16-MAY-2002.

XX

PF 08-NOV-2001; 2001WO-US046943.

XX

PR 10-NOV-2000; 2000US-0247100P.

PR 18-OCT-2001; 2001US-0330345P.

XX
 PA (AMCY) AMERICAN CYANAMID CO.
 XX
 PI Hagen M;
 XX
 DR WPI; 2002-636409/68.
 XX
 PT Antigenic composition for use in enhancing immune response of antigen,
 PT has selected antigen, and combination of adjuvant comprising an
 PT aminoalkyl glucosamine phosphate compound, and cytokine or lymphokine.
 XX
 PS Disclosure; Page 19-20; 94pp; English.
 XX
 CC The invention relates to an antigenic composition comprising a selected
 CC antigen from a pathogenic virus, bacterium, fungus or parasite, or from a
 CC cancer or tumour cell, or from an allergen, or from a self molecule; and
 CC an combination of adjuvant comprising an aminoalkyl glucosamine phosphate
 CC compound (AGP), or its derivative or analogue, and a cytokine or
 CC lymphokine, or an agonist to it. The invention is useful for increasing
 CC the ability of an antigenic composition (enhancing immune response)
 CC containing a selected antigen from a pathogenic virus, bacterium, fungus
 CC or parasite to elicit an immune response especially cytotoxic T
 CC lymphocytes; a selected antigen a cancer or tumour cell to elicit
 CC therapeutic or prophylactic anti-cancer effect; a selected allergen to
 CC moderate an allergic response; or a selected antigen from a molecule or
 CC its portion representing those produced by a host in an undesired manner,
 CC amount or location so as to reduce an undesired effect, in a vertebrate
 CC host. The invention is useful for increasing the ability of an antigenic
 CC composition to prevent or treat disease characterised by amyloid
 CC deposition in a vertebrate host. The invention is useful as a vaccine.
 CC The present sequence is beta amyloid peptide
 XX
 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 5; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 95
 AAM50910
 ID AAM50910 standard; protein; 28 AA.
 XX
 AC AAM50910;
 XX
 DT 07-MAY-2002 (first entry)
 XX
 DE Beta amyloid protein amino acid residues 1-28.
 XX
 KW Beta amyloid protein; beta/A4; amyloidosis; Alzheimer's disease;
 KW amyloid deposition; human; animal model.
 XX
 OS Homo sapiens.

XX
 PN US6340783-B1.
 XX
 PD 22-JAN-2002.
 XX
 PF 03-OCT-1996; 96US-00723661.
 XX
 PR 23-SEP-1992; 92US-00950417.
 PR 23-OCT-1992; 92US-00969734.
 PR 05-JUN-1995; 95US-00461216.
 XX
 PA (UNIW) UNIV WASHINGTON.
 XX
 PI Snow AD;
 XX
 DR WPI; 2002-146857/19.
 XX
 PT Rodent models for studying amyloid deposition in Alzheimer's disease and
 PT for identifying candidate therapeutic agents.
 XX
 PS Disclosure; Col 67; 78pp; English.
 XX
 CC The present sequence is that of a protein comprising amino acids 1-28 of
 CC beta amyloid protein (or beta/A4). The invention provides a method for
 CC producing a rodent (especially rat) model of Alzheimer's disease, which
 CC involves infusing a proteoglycan and a beta-amyloid protein into the
 CC brain (preferably the hippocampus) of the rodent for a time sufficient to
 CC allow co-deposition, and detecting the amyloid deposit in the brain
 CC tissue using staining techniques (Congo Red or thioflavin S) for
 CC fibrillar amyloid. The beta amyloid protein is preferably comprised of 39
 CC -43 amino acids. The present peptide has the ability to self-aggregate
 CC and fold into a specific beta-pleated sheet. This can be observed using
 CC Congo Red staining. Inhibition of staining indicates that an inhibitor
 CC has altered the secondary structure of the amyloid protein. In an in vivo
 CC assay for selecting a candidate therapeutic for inhibiting fibrillar
 CC amyloid deposition/persistence in the brain, the candidate reagent is
 CC administered to a rodent in an infusate comprising beta/A4 peptide and
 CC perlecan by continuous infusion for at least 1 week into the hippocampus.
 CC The candidate reagent is selected as a candidate therapeutic for
 CC congophilic and fibrillar beta/A4 amyloid deposition in the brain if the
 CC infusate diminishes Congo Red and thioflavin S staining indicative of
 CC amyloid deposition adjacent to the infusion site as compared to a control
 CC rodent receiving an infusate not comprising the candidate reagent. The
 CC rodent model is used to study the process of amyloidosis that occurs in
 CC Alzheimer's disease, and to identify therapeutic agents (e.g. heparin,
 CC heparan sulfate glycosaminoglycans and related macromolecules and heparin
 CC binding peptides) that may be used for the treatment of Alzheimer's and
 CC other amyloidosis diseases
 XX
 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 5; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||

RESULT 96

ABB77991

ID ABB77991 standard; peptide; 28 AA.

XX

AC ABB77991;

XX

DT 22-OCT-2002 (first entry)

XX

DE Fragment of beta-amyloid peptide of amyloid peptide protein (APP).

XX

KW Surface associated pneumoprotective protein; PPP; pneumococcal bacteria;
KW immunity; otitis media; rhinosinusitis; bacteremia; meningitis;
KW pneumonia; lower respiratory tract infection; amyloid peptide protein;
KW APP.

XX

OS Homo sapiens.

XX

PN WO200253761-A2.

XX

PD 11-JUL-2002.

XX

PF 28-DEC-2001; 2001WO-US049650.

XX

PR 28-DEC-2000; 2000US-0258841P.

XX

PA (AMHP) WYETH.

XX

PI Green BA, Masi AW;

XX

DR WPI; 2002-583625/62.

XX

PT Novel isolated 20 kDa Streptococcus pneumoniae surface associated
PT pneumoprotective protein having ability to reduce colonization of
PT pneumococcal bacteria, useful for eliciting immunity from otitis media,
PT pneumonia.

XX

PS Disclosure; Page 27; 91pp; English.

XX

CC The present sequence represents a fragment of beta amyloid peptide of
CC amyloid peptide protein (APP). This peptide may be co-expressed with a
CC Streptococcus pneumoniae surface associated pneumoprotective protein
CC (PPP), in the course of the invention. The PPP has a molecular weight of
CC 20 kilo daltons (kDa), which is determined using a 10-20% sodium
CC dodecylsulfate-polyacrylamide gel electrophoresis (SDS-PAGE). The PPP has
CC the ability to reduce colonization of pneumococcal bacteria. The PPP is
CC useful for screening for a compound which induces an immune response in a
CC mammal infected with pneumococcal bacteria. It is also useful for
CC diagnosing pneumococcal bacterial infection, and for eliciting protective
CC immunity from a disease e.g., otitis media, rhinosinusitis, bacteremia,
CC meningitis, pneumonia, or lower respiratory tract infection, caused by S.
CC pneumoniae. The PPP nucleic acid sequences can be used for a variety of
CC diagnostic applications. These nucleic acids sequences can be used to
CC prepare relatively short DNA and RNA sequences that have the ability to
CC specifically hybridize to the nucleic acid sequences encoding PPP

CC protein. The nucleic acids are also useful as probes and primers
XX
SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 5; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 97

AAE35672

ID AAE35672 standard; peptide; 28 AA.

XX

AC AAE35672;

XX

DT 17-JUN-2003 (first entry)

XX

DE Human beta amyloid peptide (residues 1-28).

XX

KW Immunogen; helper T cell; Th epitope; amyloid beta; Alzheimer's disease;

KW Abeta; AD; brain tissue plaque; immunoneutralisation; neuroprotective;

KW vaccine; nootropic; human.

XX

OS Homo sapiens.

XX

PN WO200296350-A2.

XX

PD 05-DEC-2002.

XX

PF 02-APR-2002; 2002WO-US010293.

XX

PR 25-MAY-2001; 2001US-00865294.

XX

PA (UNBI-) UNITED BIOMEDICAL INC.

XX

PI Wang CY;

XX

DR WPI; 2003-201258/19.

XX

PT Novel peptide immunogen comprising a helper T cell epitope, an N-terminal

PT fragment of amyloid beta peptide linked to the epitope, and optionally a

PT spacer, useful for preventing or treating Alzheimer's disease.

XX

PS Claim 6; Page 38; 77pp; English.

XX

CC The present invention relates to a novel peptide immunogen comprising a

CC helper T cell (Th) epitope, an N-terminal fragment of amyloid beta

CC (Abeta) peptide (residues 1-42) linked to the epitope and optionally a

CC spacer consisting of at least an amino acid to separate the immunogenic

CC domains. Sequences of the invention are useful for preventing or treating

CC Alzheimer's disease (AD) in a mammal, to produce antibodies to Abeta

CC peptide that is cross-reactive to soluble Abeta peptides and brain tissue

CC plaques formed from it. They are useful for eliciting a site-directed

CC mutagenesis against the main functional/regulatory site of the Abeta
CC peptide and for generating antibodies, which are highly cross-reactive to
CC the soluble Abeta peptide and the amyloid plaques formed in the brain of
CC Alzheimer's disease patients. The sequences are useful for induction of
CC accelerated clearance of amyloid plaques and immunoneutralisation of the
CC soluble Abeta derived toxins in the brain to prevent and treat
CC Alzheimer's disease. They are also useful as vaccines. The present
CC sequence is human beta amyloid peptide (residues 1-28) used in the
CC exemplification of the invention

XX

SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
| | | | | | | |
Db 16 KLVFFAED 23

RESULT 98

AAE33794

ID AAE33794 standard; peptide; 28 AA.

XX

AC AAE33794;

XX

DT 16-APR-2003 (first entry)

XX

DE Beta-amyloid precursor protein fragment.

XX

KW Immunogenic; cholera toxin; CT; toxicity; Alzheimer's disease; cancer;
KW allergy; autoimmune disease; beta-amyloid precursor protein; therapy;
KW amyloid deposition.

XX

OS Unidentified.

XX

PN WO200298369-A2.

XX

PD 12-DEC-2002.

XX

PF 05-JUN-2002; 2002WO-US021008.

XX

PR 07-JUN-2001; 2001US-0296531P.

XX

PA (AMCY) AMERICAN CYANAMID CO.

PA (USSH) US DEPT HEALTH & HUMAN SERVICES.

XX

PI Green BA, Holmes RK, Jobling MG, Zhu D;

XX

DR WPI; 2003-140543/13.

XX

PT Novel immunogenic, mutant cholera holotoxin useful for enhancing immune
PT response of vertebrate host to antigen, comprises amino sequence of
PT subunit A of wild-type cholera toxin.

XX

PS Disclosure; Col 87; 44pp; English.

XX
 CC The invention relates to an immunogenic, mutant cholera holotoxin (CT-
 CC CRM) comprising an amino sequence of subunit A of the wild-type cholera
 CC toxin (CT), where the mutant CT-CRM has reduced toxicity compared to the
 CC wild-type CT. Mutant CT-CRM is useful for prevention and/or treatment of
 CC diseases caused by pathogenic bacteria, fungus, virus or parasite or
 CC diseases such as allergy, autoimmune disease, Alzheimer's disease or
 CC cancer or diseases caused by amyloid deposition in a vertebrate host. The
 CC present sequence is beta-amyloid precursor protein fragment, used in the
 CC invention
 XX
 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 6; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 99

ABG72238

ID ABG72238 standard; peptide; 28 AA.

XX

AC ABG72238;

XX

DT 27-FEB-2003 (first entry)

XX

DE Mutant H6Q of human beta(1-28) peptide of amyloid beta peptide.

XX

KW Plasmin-mediated proteolysis; beta-amyloid peptide; brain cell;
 KW brain tissue; tissue plasminogen activator; t-PA; Alzheimer's disease;
 KW vascular haemorrhaging; thrombolytic therapy; neurological disorder;
 KW nerve cell; neuroprotective; nootropic; beta(1-28) peptide;
 KW amyloid beta peptide; mutant; mutein.

XX

OS Homo sapiens.

OS Synthetic.

XX

FH Key Location/Qualifiers

FT Misc-difference 6

FT /note= "Substitution of wild-type His to Gln"

XX

PN US6471960-B1.

XX

PD 29-OCT-2002.

XX

PF 13-SEP-2000; 2000US-00660954.

XX

PR 22-NOV-1994; 94US-00347144.

PR 22-NOV-1995; 95WO-US015007.

PR 26-JUL-1996; 96US-00686959.

PR 02-SEP-1999; 99US-00388890.

XX

PA (RUTF) UNIV RUTGERS STATE NEW JERSEY.

XX
 PI Anderson S;
 XX
 DR WPI; 2003-138240/13.
 XX
 PT Increasing plasmin-mediated proteolysis of beta-amyloid peptides in brain
 PT cells or tissues for treating Alzheimer's disease, by contacting the
 PT cells with tissue plasminogen activator to proteolyze the peptides.
 XX
 PS Example 3; Col 26; 23pp; English.
 XX
 CC The present invention relates to a method for increasing plasmin-mediated
 CC proteolysis of beta-amyloid peptides in brain cells or tissues. The
 CC method comprises contacting brain cells or tissues with a purified tissue
 CC plasminogen activator (t-PA) so that beta-amyloid peptides in the brain
 CC cells or tissues are proteolysed. The method is useful for increasing
 CC plasmin-mediated proteolysis of beta-amyloid peptides in brain cells or
 CC tissues which are found in patients diagnosed with Alzheimer's disease.
 CC The method is useful for preventing or treating vascular haemorrhaging
 CC such as that incident to thrombolytic therapy, or characteristic of
 CC Alzheimer's disease and other neurological disorders. Administration of t
 CC -PA to nerve cells comprises a therapy for Alzheimer's disease. ABG72235-
 CC ABG72246 represent mutants of human beta(1-28) peptide of amyloid beta
 CC peptide
 XX
 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 6; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 100

ABG72246

ID ABG72246 standard; peptide; 28 AA.

XX

AC ABG72246;

XX

DT 27-FEB-2003 (first entry)

XX

DE Mutant K28Q of human beta(1-28) peptide of amyloid beta peptide.

XX

KW Plasmin-mediated proteolysis; beta-amyloid peptide; brain cell;
 KW brain tissue; tissue plasminogen activator; t-PA; Alzheimer's disease;
 KW vascular haemorrhaging; thrombolytic therapy; neurological disorder;
 KW nerve cell; neuroprotective; nootropic; beta(1-28) peptide;
 KW amyloid beta peptide; mutant; mutein.

XX

OS Homo sapiens.

OS Synthetic.

XX

FH Key Location/Qualifiers

FT Misc-difference 28

FT /note= "Substitution of wild-type Lys to Gln"
 XX
 PN US6471960-B1.
 XX
 PD 29-OCT-2002.
 XX
 PF 13-SEP-2000; 2000US-00660954.
 XX
 PR 22-NOV-1994; 94US-00347144.
 PR 22-NOV-1995; 95WO-US015007.
 PR 26-JUL-1996; 96US-00686959.
 PR 02-SEP-1999; 99US-00388890.
 XX
 PA (RUTF) UNIV RUTGERS STATE NEW JERSEY.
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 PI Anderson S;
 XX
 DR WPI; 2003-138240/13.
 XX
 PT Increasing plasmin-mediated proteolysis of beta-amyloid peptides in brain
 PT cells or tissues for treating Alzheimer's disease, by contacting the
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 CC tissues which are found in patients diagnosed with Alzheimer's disease.
 CC The method is useful for preventing or treating vascular haemorrhaging
 CC such as that incident to thrombolytic therapy, or characteristic of
 CC Alzheimer's disease and other neurological disorders. Administration of t
 CC -PA to nerve cells comprises a therapy for Alzheimer's disease. ABG72235-
 CC ABG72246 represent mutants of human beta(1-28) peptide of amyloid beta
 CC peptide
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 SQ Sequence 28 AA;

Query Match 100.0%; Score 40; DB 6; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.12;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
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 Db 16 KLVFFAED 23

Search completed: February 28, 2004, 08:51:58
 Job time : 119.5 secs

OM protein - protein search, using sw model

Run on: February 28, 2004, 08:48:49 ; Search time 28.5 Seconds
 (without alignments)
 14.492 Million cell updates/sec

Title: US-09-668-314C-73
 Perfect score: 40
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Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 1000 summaries

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 6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	40	100.0	9	4	US-08-766-596A-64	Sequence 64, Appl
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6	40	100.0	11	2	US-08-630-645-14	Sequence 14, Appl
7	40	100.0	11	4	US-08-766-596A-14	Sequence 14, Appl
8	40	100.0	11	5	PCT-US96-10220-14	Sequence 14, Appl
9	40	100.0	14	4	US-09-594-366-5	Sequence 5, Appli
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11	40	100.0	15	2	US-08-612-785B-37	Sequence 37, Appl

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200	40	100.0	103	4	US-09-519-019A-2	Sequence 2, Appli
201	40	100.0	105	2	US-08-729-345-1	Sequence 1, Appli
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204	40	100.0	108	6	5223482-16	Patent No. 5223482
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206	40	100.0	117	4	US-09-422-569-10	Sequence 10, Appl
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211	40	100.0	487	1	US-08-123-659A-9	Sequence 9, Appli
212	40	100.0	487	1	US-08-464-247A-9	Sequence 9, Appli
213	40	100.0	487	1	US-08-464-248A-9	Sequence 9, Appli
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215	40	100.0	492	1	US-08-123-659A-7	Sequence 7, Appli
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217	40	100.0	492	1	US-08-464-248A-7	Sequence 7, Appli
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221	40	100.0	537	1	US-08-453-552-4	Sequence 4, Appli
222	40	100.0	537	2	US-08-710-637-4	Sequence 4, Appli
223	40	100.0	537	5	PCT-US93-00907-4	Sequence 4, Appli
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225	40	100.0	656	5	PCT-US94-01712-23	Sequence 23, Appl
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227	40	100.0	676	5	PCT-US94-01712-24	Sequence 24, Appl
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238	40	100.0	695	4	US-09-458-481B-5	Sequence 5, Appli
239	40	100.0	695	4	US-09-458-481B-6	Sequence 6, Appli

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266	40	100.0	751	2	US-08-422-333-21	Sequence 21, Appl
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268	40	100.0	751	4	US-08-464-250-2	Sequence 2, Appli
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270	40	100.0	751	4	US-09-548-372D-57	Sequence 57, Appl
271	40	100.0	751	4	US-09-548-367D-57	Sequence 57, Appl
272	40	100.0	751	4	US-09-551-853D-57	Sequence 57, Appl
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277	40	100.0	753	4	US-09-548-367D-61	Sequence 61, Appl
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288	40	100.0	770	4	US-08-665-649-3	Sequence 3, Appli
289	40	100.0	772	4	US-09-548-372D-59	Sequence 59, Appl
290	40	100.0	772	4	US-09-548-367D-59	Sequence 59, Appl
291	40	100.0	772	4	US-09-551-853D-59	Sequence 59, Appl
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298	37	92.5	63	1	US-08-123-659A-3	Sequence 3, Appli
299	37	92.5	63	1	US-08-464-247A-3	Sequence 3, Appli
300	37	92.5	63	1	US-08-464-248A-3	Sequence 3, Appli
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303	36	90.0	28	4	US-09-660-954-11	Sequence 11, Appl
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305	35	87.5	12	1	US-08-302-808-11	Sequence 11, Appl
306	35	87.5	12	2	US-08-986-948-11	Sequence 11, Appl
307	35	87.5	14	4	US-09-458-481B-13	Sequence 13, Appl
308	35	87.5	15	4	US-08-766-596A-59	Sequence 59, Appl
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313	34	85.0	15	4	US-08-766-596A-60	Sequence 60, Appl
314	34	85.0	15	4	US-08-766-596A-61	Sequence 61, Appl
315	34	85.0	15	4	US-08-766-596A-62	Sequence 62, Appl
316	34	85.0	28	3	US-09-388-890-13	Sequence 13, Appl
317	34	85.0	28	4	US-09-660-954-13	Sequence 13, Appl
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319	33	82.5	17	3	US-09-102-451-2	Sequence 2, Appli
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321	33	82.5	43	5	PCT-US95-14659-1	Sequence 1, Appli
322	32	80.0	28	2	US-08-461-216-4	Sequence 4, Appli
323	31	77.5	7	4	US-09-747-408-18	Sequence 18, Appl
324	31	77.5	7	4	US-09-747-408-19	Sequence 19, Appl
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326	31	77.5	11	1	US-08-302-808-12	Sequence 12, Appl
327	31	77.5	11	2	US-08-986-948-12	Sequence 12, Appl
328	31	77.5	11	4	US-09-264-709A-3	Sequence 3, Appli
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330	31	77.5	49	1	US-08-123-702-45	Sequence 45, Appl
331	30	75.0	9	4	US-08-766-596A-52	Sequence 52, Appl
332	30	75.0	9	4	US-08-766-596A-53	Sequence 53, Appl
333	30	75.0	15	4	US-08-766-596A-55	Sequence 55, Appl
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336	30	75.0	370	4	US-09-622-439-4	Sequence 4, Appli
337	30	75.0	370	4	US-09-622-439-24	Sequence 24, Appl
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341	30	75.0	1305	4	US-08-864-785-3	Sequence 3, Appli
342	30	75.0	1353	3	US-08-894-173-2	Sequence 2, Appli
343	30	75.0	1353	3	US-09-398-193-2	Sequence 2, Appli
344	30	75.0	1353	3	US-09-398-193-99	Sequence 99, Appl
345	30	75.0	1353	4	US-09-473-717-3	Sequence 3, Appli
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347	29	72.5	6	2	US-08-612-785B-27	Sequence 27, Appl
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349	29	72.5	6	4	US-08-703-675C-40	Sequence 40, Appl
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351	29	72.5	6	4	US-08-617-267C-27	Sequence 27, Appl
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358	29	72.5	8	2	US-08-612-785B-5	Sequence 5, Appli
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360	29	72.5	8	4	US-08-617-267C-5	Sequence 5, Appli
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362	29	72.5	9	4	US-09-747-408-20	Sequence 20, Appl
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364	29	72.5	352	4	US-09-205-815B-42	Sequence 42, Appl
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371	28	70.0	169	4	US-09-540-236-2416	Sequence 2416, Ap
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373	28	70.0	193	1	US-08-616-368A-10	Sequence 10, Appl
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379	28	70.0	193	4	US-09-305-839-9	Sequence 9, Appli
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383	28	70.0	258	4	US-09-107-532A-6273	Sequence 6273, Ap
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386	28	70.0	428	4	US-09-134-001C-5059	Sequence 5059, Ap
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416	27	67.5	542	4	US-09-252-991A-25862	Sequence 25862, A
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435	26	65.0	41	3	US-09-138-721-6	Sequence 6, Appli
436	26	65.0	43	2	US-08-404-831-3	Sequence 3, Appli
437	26	65.0	43	2	US-08-612-785B-3	Sequence 3, Appli
438	26	65.0	43	2	US-08-475-579A-3	Sequence 3, Appli
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456	26	65.0	197	4	US-09-944-277A-11	Sequence 11, Appl
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474	26	65.0	452	4	US-09-072-433-12	Sequence 12, Appl
475	26	65.0	469	4	US-09-328-352-5007	Sequence 5007, Ap
476	26	65.0	477	3	US-08-704-711A-20	Sequence 20, Appl
477	26	65.0	477	3	US-08-448-489-15	Sequence 15, Appl
478	26	65.0	477	3	US-08-281-313-1	Sequence 9, Appli
479	26	65.0	477	4	US-09-521-220-20	Sequence 20, Appl
480	26	65.0	477	4	US-09-391-104-21	Sequence 21, Appl
481	26	65.0	486	4	US-09-252-991A-16751	Sequence 16751, A
482	26	65.0	493	4	US-09-508-370A-7	Sequence 7, Appli
483	26	65.0	494	4	US-09-328-352-7729	Sequence 7729, Ap
484	26	65.0	506	4	US-09-328-352-5523	Sequence 5523, Ap
485	26	65.0	511	1	US-08-480-604A-20	Sequence 20, Appl
486	26	65.0	511	2	US-08-405-496A-20	Sequence 20, Appl
487	26	65.0	511	3	US-08-646-695-5	Sequence 5, Appli
488	26	65.0	511	3	US-08-915-136-20	Sequence 20, Appl
489	26	65.0	511	4	US-08-957-310-20	Sequence 20, Appl
490	26	65.0	511	4	US-09-217-967-1	Sequence 1, Appli
491	26	65.0	511	4	US-10-011-366-20	Sequence 20, Appl
492	26	65.0	511	4	US-09-084-517-20	Sequence 20, Appl
493	26	65.0	511	5	PCT-US96-06053-5	Sequence 5, Appli
494	26	65.0	512	3	US-09-149-922-2	Sequence 2, Appli
495	26	65.0	515	4	US-09-489-039A-11600	Sequence 11600, A
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497	26	65.0	519	3	US-09-211-704A-7	Sequence 7, Appli
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499	26	65.0	579	4	US-09-521-220-1	Sequence 1, Appli
500	26	65.0	582	3	US-08-704-711A-2	Sequence 2, Appli
501	26	65.0	582	3	US-08-448-489-1	Sequence 1, Appli
502	26	65.0	582	3	US-09-211-704A-9	Sequence 9, Appli
503	26	65.0	582	4	US-09-521-220-2	Sequence 2, Appli
504	26	65.0	582	4	US-09-391-104-28	Sequence 28, Appl
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507	26	65.0	608	3	US-08-915-136-21	Sequence 21, Appl
508	26	65.0	608	4	US-08-957-310-21	Sequence 21, Appl
509	26	65.0	608	4	US-10-011-366-21	Sequence 21, Appl
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511	26	65.0	609	1	US-08-480-604A-30	Sequence 30, Appl
512	26	65.0	609	3	US-08-915-136-30	Sequence 30, Appl
513	26	65.0	609	4	US-09-084-517-30	Sequence 30, Appl
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521	26	65.0	862	4	US-09-751-687-12	Sequence 12, Appl
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534	26	65.0	1144	3	US-09-123-624-2	Sequence 2, Appli
535	26	65.0	1144	4	US-09-661-258-5	Sequence 5, Appli
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538	26	65.0	2366	3	US-08-915-136-10	Sequence 10, Appl
539	26	65.0	2366	4	US-08-957-310-10	Sequence 10, Appl
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548	25	62.5	5	4	US-09-242-724-25	Sequence 25, Appl
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563	25	62.5	6	4	US-09-242-724-30	Sequence 30, Appl
564	25	62.5	6	4	US-09-242-724-31	Sequence 31, Appl
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591	25	62.5	72	4	US-09-540-236-2558	Sequence 2558, Ap
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594	25	62.5	84	4	US-09-540-236-2290	Sequence 2290, Ap
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596	25	62.5	131	4	US-09-328-352-6689	Sequence 6689, Ap
597	25	62.5	134	4	US-09-107-532A-5878	Sequence 5878, Ap
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607	25	62.5	189	3	US-09-335-411-8	Sequence 8, Appli
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610	25	62.5	201	3	US-09-335-411-6	Sequence 6, Appli
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644	25	62.5	431	4	US-09-540-236-3536	Sequence 3536, Ap
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687	25	62.5	952	3	US-09-335-411-4	Sequence 4, Appli
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709	24	60.0	5	3	US-09-356-931-34	Sequence 34, Appl
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723	24	60.0	42	3	US-09-138-721-7	Sequence 7, Appli
724	24	60.0	52	2	US-08-856-444-3	Sequence 3, Appli
725	24	60.0	59	4	US-09-205-258-754	Sequence 754, App
726	24	60.0	61	4	US-09-149-476-492	Sequence 492, App
727	24	60.0	61	4	US-09-621-976-4382	Sequence 4382, Ap
728	24	60.0	61	4	US-09-621-976-5938	Sequence 5938, Ap
729	24	60.0	62	4	US-09-543-681A-6108	Sequence 6108, Ap
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738	24	60.0	100	4	US-09-732-210-1745	Sequence 1745, Ap
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741	24	60.0	102	3	US-09-235-217-50	Sequence 50, Appl
742	24	60.0	108	4	US-09-194-468A-20	Sequence 20, Appl
743	24	60.0	108	4	US-09-194-468A-26	Sequence 26, Appl
744	24	60.0	115	4	US-09-107-532A-7171	Sequence 7171, Ap
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746	24	60.0	118	3	US-09-245-041-127	Sequence 127, App
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ALIGNMENTS

RESULT 1

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; Sequence 1, Application US/08630645

; Patent No. 5948763

; GENERAL INFORMATION:

; APPLICANT: SOTO-JARA, Claudio

; APPLICANT: BAUMANN, Marc

; APPLICANT: FRANGIONE, Blas

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS

; TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

ASSOCIATED

; TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS

; NUMBER OF SEQUENCES: 26

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; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

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; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-630-645-1

```

```

Query Match          100.0%; Score 40; DB 2; Length 8;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches      8; Conservative    0; Mismatches    0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      1 KLVFFAED 8

```

RESULT 2

US-08-766-596A-1

```

; Sequence 1, Application US/08766596A
; Patent No. 6462171
; GENERAL INFORMATION:
; APPLICANT: SOTO-JARA, Claudio
; APPLICANT: BAUMANN, Marc
; APPLICANT: FRANGIONE, Blas
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
; TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR
DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR
AMYLOID-LIKE
; TITLE OF INVENTION: DEPOSITS
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 400
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,596A
; FILING DATE:
; CLASSIFICATION: 435

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,645
; FILING DATE: 10-APR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/478,326
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: YUN, Allen C.
; REGISTRATION NUMBER: 37,971
; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-766-596A-1

```

```

Query Match          100.0%; Score 40; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches      8; Conservative    0; Mismatches    0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      1 KLVFFAED 8

```

RESULT 3

PCT-US96-10220-1

; Sequence 1, Application PC/TUS9610220

; GENERAL INFORMATION:

; APPLICANT:

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS

; TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED

; TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
DEPOSITS

; NUMBER OF SEQUENCES: 26

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BROWDY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 400

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US96/10220

; FILING DATE:


```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/478,326
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,645
; FILING DATE: 10-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: SOTO-JARA=1 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
PCT-US96-10220-1

```

```

Query Match          100.0%; Score 40; DB 5; Length 8;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          1 KLVFFAED 8

```

RESULT 4

US-08-766-596A-64

; Sequence 64, Application US/08766596A

; Patent No. 6462171

; GENERAL INFORMATION:

; APPLICANT: SOTO-JARA, Claudio

; APPLICANT: BAUMANN, Marc

; APPLICANT: FRANGIONE, Blas

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

; TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

; TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE

; TITLE OF INVENTION: DEPOSITS

; NUMBER OF SEQUENCES: 69

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BROWDY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 400

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

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; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,596A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,645
; FILING DATE: 10-APR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/478,326
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: YUN, Allen C.
; REGISTRATION NUMBER: 37,971
; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-766-596A-64

```

```

Query Match          100.0%; Score 40; DB 4; Length 9;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      2 KLVFFAED 9

```

RESULT 5

US-08-970-833-3

```

; Sequence 3, Application US/08970833
; Patent No. 6022859
; GENERAL INFORMATION:
; APPLICANT: Kiessling, Laura L.
; APPLICANT: Murphy, Regina M.
; TITLE OF INVENTION: INHIBITORS OF BETA-AMYLOID TOXICITY
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,833
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Baker, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 960296.94291
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5709
; TELEFAX: (414) 271-3552
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-970-833-3

```

```

Query Match          100.0%; Score 40; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      1 KLVFFAED 8

```

RESULT 6

US-08-630-645-14

```

; Sequence 14, Application US/08630645
; Patent No. 5948763
; GENERAL INFORMATION:
; APPLICANT: SOTO-JARA, Claudio
; APPLICANT: BAUMANN, Marc
; APPLICANT: FRANGIONE, Blas
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS
; TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISORDERS OR DISEASES
ASSOCIATED
; TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE
DEPOSITS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 400
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,645

```

```

; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/478,326
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: YUN, Allen C.
; REGISTRATION NUMBER: 37,971
; REFERENCE/DOCKET NUMBER: SOTO-JARA=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-630-645-14

```

```

Query Match          100.0%; Score 40; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      2 KLVFFAED 9

```

RESULT 7

US-08-766-596A-14

```

; Sequence 14, Application US/08766596A
; Patent No. 6462171

```

; GENERAL INFORMATION:

```

; APPLICANT: SOTO-JARA, Claudio
; APPLICANT: BAUMANN, Marc
; APPLICANT: FRANGIONE, Blas
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
; TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR
DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR
AMYLOID-LIKE

```

```

; TITLE OF INVENTION: DEPOSITS
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 400
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,596A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,645
; FILING DATE: 10-APR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/478,326
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: YUN, Allen C.
; REGISTRATION NUMBER: 37,971
; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-766-596A-14

```

```

Query Match          100.0%; Score 40; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      2 KLVFFAED 9

```

RESULT 8

PCT-US96-10220-14

; Sequence 14, Application PC/TUS9610220

; GENERAL INFORMATION:

; APPLICANT:

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS

; TITLE OF INVENTION: THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

ASSOCIATED

; TITLE OF INVENTION: WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE DEPOSITS

; NUMBER OF SEQUENCES: 26

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BROWDY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 400

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

```

;   SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: PCT/US96/10220
;   FILING DATE:
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/478,326
;   FILING DATE: 06-JUN-1995
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/630,645
;   FILING DATE: 10-APR-1996
;   ATTORNEY/AGENT INFORMATION:
;   NAME: BROWDY, Roger L.
;   REGISTRATION NUMBER: 25,618
;   REFERENCE/DOCKET NUMBER: SOTO-JARA=1 PCT
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 202-628-5197
;   TELEFAX: 202-737-3528
;   INFORMATION FOR SEQ ID NO: 14:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 11 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: peptide
PCT-US96-10220-14

```

```

Query Match          100.0%; Score 40; DB 5; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      2 KLVFFAED 9

```

```

RESULT 9
US-09-594-366-5
; Sequence 5, Application US/09594366
; Patent No. 6582945
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2004
; CURRENT APPLICATION NUMBER: US/09/594,366
; CURRENT FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-594-366-5

```

```

Query Match          100.0%; Score 40; DB 4; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.021;

```

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 4 KLVFFAED 11

RESULT 10

US-08-612-785B-14

; Sequence 14, Application US/08612785B

; Patent No. 5854204

; GENERAL INFORMATION:

; APPLICANT: Findeis, Mark A. et al.

; TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid

; TITLE OF INVENTION: Aggregation

; NUMBER OF SEQUENCES: 40

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: LAHIVE & COCKFIELD

; STREET: 28 State Street, Suite 510

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109-1875

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/612,785B

; FILING DATE: Herewith

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/404,831

; FILING DATE: 14-MAR-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/475,579

; FILING DATE: 07-JUN-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/548,998

; FILING DATE: 27-OCT-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: DeConti, Giulio A.

; REGISTRATION NUMBER: 31,503

; REFERENCE/DOCKET NUMBER: PPI-002CP3

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617)227-7400

; TELEFAX: (617)742-4214

; INFORMATION FOR SEQ ID NO: 14:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FRAGMENT TYPE: internal

US-08-612-785B-14

Query Match 100.0%; Score 40; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 1 KLVFFAED 8

RESULT 11

US-08-612-785B-37

; Sequence 37, Application US/08612785B

; Patent No. 5854204

; GENERAL INFORMATION:

; APPLICANT: Findeis, Mark A. et al.

; TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid

; TITLE OF INVENTION: Aggregation

; NUMBER OF SEQUENCES: 40

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: LAHIVE & COCKFIELD

; STREET: 28 State Street, Suite 510

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109-1875

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/612,785B

; FILING DATE: Herewith

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/404,831

; FILING DATE: 14-MAR-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/475,579

; FILING DATE: 07-JUN-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/548,998

; FILING DATE: 27-OCT-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: DeConti, Giulio A.

; REGISTRATION NUMBER: 31,503

; REFERENCE/DOCKET NUMBER: PPI-002CP3

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617)227-7400

; TELEFAX: (617)742-4214

; INFORMATION FOR SEQ ID NO: 37:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FRAGMENT TYPE: internal

US-08-612-785B-37

Query Match 100.0%; Score 40; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 6 KLVFFAED 13

RESULT 12

US-08-617-267C-14

; Sequence 14, Application US/08617267C

; Patent No. 6319498

; GENERAL INFORMATION:

; APPLICANT: Findeis, Mark A. et al.

; TITLE OF INVENTION: Modulators of Amyloid Aggregation

; NUMBER OF SEQUENCES: 45

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: LAHIVE & COCKFIELD, LLP

; STREET: 28 State Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109-1875

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/617,267C

; FILING DATE: 14-MAR-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/404,831

; FILING DATE: 14-MAR-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/475,579

; FILING DATE: 07-JUN-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/548,998

; FILING DATE: 27-OCT-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: DeConti, Giulio A.

; REGISTRATION NUMBER: 31,503

; REFERENCE/DOCKET NUMBER: PPI-002CP2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617)227-7400

; TELEFAX: (617)227-5941

; INFORMATION FOR SEQ ID NO: 14:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FRAGMENT TYPE: internal

US-08-617-267C-14

Query Match 100.0%; Score 40; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
| | | | | | | |
Db 1 KLVFFAED 8

RESULT 13

US-08-766-596A-56

; Sequence 56, Application US/08766596A

; Patent No. 6462171

; GENERAL INFORMATION:

; APPLICANT: SOTO-JARA, Claudio

; APPLICANT: BAUMANN, Marc

; APPLICANT: FRANGIONE, Blas

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

; TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

; TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE

; TITLE OF INVENTION: DEPOSITS

; NUMBER OF SEQUENCES: 69

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BROWDY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 400

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/766,596A

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/630,645

; FILING DATE: 10-APR-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/478,326

; FILING DATE: 06-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: YUN, Allen C.

; REGISTRATION NUMBER: 37,971

; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 202-628-5197

; TELEFAX: 202-737-3528

; INFORMATION FOR SEQ ID NO: 56:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-766-596A-56

Query Match 100.0%; Score 40; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 5 KLVFFAED 12

RESULT 14

US-08-766-596A-57

; Sequence 57, Application US/08766596A

; Patent No. 6462171

; GENERAL INFORMATION:

; APPLICANT: SOTO-JARA, Claudio

; APPLICANT: BAUMANN, Marc

; APPLICANT: FRANGIONE, Blas

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

; TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

; TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE

; TITLE OF INVENTION: DEPOSITS

; NUMBER OF SEQUENCES: 69

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BROWDY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 400

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/766,596A

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/630,645

; FILING DATE: 10-APR-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/478,326

; FILING DATE: 06-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: YUN, Allen C.

; REGISTRATION NUMBER: 37,971

; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-766-596A-57

Query Match 100.0%; Score 40; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 5 KLVFFAED 12

RESULT 15

US-08-766-596A-58

; Sequence 58, Application US/08766596A

; Patent No. 6462171

; GENERAL INFORMATION:

; APPLICANT: SOTO-JARA, Claudio

; APPLICANT: BAUMANN, Marc

; APPLICANT: FRANGIONE, Blas

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

; TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

; TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE

; TITLE OF INVENTION: DEPOSITS

; NUMBER OF SEQUENCES: 69

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BROWDY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 400

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/766,596A

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/630,645

; FILING DATE: 10-APR-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/478,326

; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: YUN, Allen C.
; REGISTRATION NUMBER: 37,971
; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-766-596A-58

Query Match 100.0%; Score 40; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
| | | | | | | |
Db 5 KLVFFAED 12

RESULT 16

US-08-766-596A-63

; Sequence 63, Application US/08766596A
; Patent No. 6462171

; GENERAL INFORMATION:

; APPLICANT: SOTO-JARA, Claudio
; APPLICANT: BAUMANN, Marc
; APPLICANT: FRANGIONE, Blas

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

; TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

; TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE

; TITLE OF INVENTION: DEPOSITS

; NUMBER OF SEQUENCES: 69

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BROWDY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 400

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/766,596A

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/630,645
 ; FILING DATE: 10-APR-1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/478,326
 ; FILING DATE: 06-JUN-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: YUN, Allen C.
 ; REGISTRATION NUMBER: 37,971
 ; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-628-5197
 ; TELEFAX: 202-737-3528
 ; INFORMATION FOR SEQ ID NO: 63:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 US-08-766-596A-63

Query Match 100.0%; Score 40; DB 4; Length 15;
 Best Local Similarity 100.0%; Pred. No. 0.023;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 5 KLVFFAED 12

RESULT 17

US-08-766-596A-65

; Sequence 65, Application US/08766596A

; Patent No. 6462171

; GENERAL INFORMATION:

; APPLICANT: SOTO-JARA, Claudio

; APPLICANT: BAUMANN, Marc

; APPLICANT: FRANGIONE, Blas

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

; TITLE OF INVENTION: COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR DISEASES

; TITLE OF INVENTION: ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR AMYLOID-LIKE

; TITLE OF INVENTION: DEPOSITS

; NUMBER OF SEQUENCES: 69

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BROWDY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 400

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

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;   SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/766,596A
;   FILING DATE:
;   CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/630,645
;   FILING DATE: 10-APR-1996
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/478,326
;   FILING DATE: 06-JUN-1995
;   ATTORNEY/AGENT INFORMATION:
;   NAME: YUN, Allen C.
;   REGISTRATION NUMBER: 37,971
;   REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 202-628-5197
;   TELEFAX: 202-737-3528
;   INFORMATION FOR SEQ ID NO: 65:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 15 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: peptide
US-08-766-596A-65

```

```

Query Match          100.0%; Score 40; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches      8; Conservative    0; Mismatches    0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      5 KLVFFAED 12

```

RESULT 18

US-09-264-709A-2

```

; Sequence 2, Application US/09264709A
; Patent No. 6320024
; GENERAL INFORMATION:
; APPLICANT: Roberts, Eugene
; TITLE OF INVENTION: Method for Design of Substances that Enhance Memory and
; TITLE OF INVENTION: Improve the Quality of Life
; FILE REFERENCE: 2124-310
; CURRENT APPLICATION NUMBER: US/09/264,709A
; CURRENT FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: 08/797,782
; PRIOR FILING DATE: 1997-02-07
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-264-709A-2

```

Query Match 100.0%; Score 40; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 0.026;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 5 KLVFFAED 12

RESULT 19

US-09-594-366-3

; Sequence 3, Application US/09594366
; Patent No. 6582945
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2004
; CURRENT APPLICATION NUMBER: US/09/594,366
; CURRENT FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-594-366-3

Query Match 100.0%; Score 40; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 0.026;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 8 KLVFFAED 15

RESULT 20

US-08-970-833-11

; Sequence 11, Application US/08970833
; Patent No. 6022859
; GENERAL INFORMATION:
; APPLICANT: Kiessling, Laura L.
; APPLICANT: Murphy, Regina M.
; TITLE OF INVENTION: INHIBITORS OF BETA-AMYLOID TOXICITY
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible


```

;   OPERATING SYSTEM:  PC-DOS/MS-DOS
;   SOFTWARE:  PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER:  US/08/970,833
;   FILING DATE:
;   CLASSIFICATION:  530
;   ATTORNEY/AGENT INFORMATION:
;   NAME:  Baker, Jean C.
;   REGISTRATION NUMBER:  35,433
;   REFERENCE/DOCKET NUMBER:  960296.94291
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE:  (414) 277-5709
;   TELEFAX:  (414) 271-3552
;   INFORMATION FOR SEQ ID NO:  11:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH:  19 amino acids
;   TYPE:  amino acid
;   STRANDEDNESS:  single
;   TOPOLOGY:  linear
;   MOLECULE TYPE:  peptide
US-08-970-833-11

```

```

Query Match          100.0%;  Score 40;  DB 3;  Length 19;
Best Local Similarity 100.0%;  Pred. No. 0.029;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          10 KLVFFAED 17

```

RESULT 21

US-08-970-833-10

```

; Sequence 10, Application US/08970833
; Patent No. 6022859
; GENERAL INFORMATION:
;   APPLICANT:  Kiessling, Laura L.
;   APPLICANT:  Murphy, Regina M.
;   TITLE OF INVENTION:  INHIBITORS OF BETA-AMYLOID TOXICITY
;   NUMBER OF SEQUENCES:  11
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE:  Quarles & Brady
;   STREET:  411 East Wisconsin Avenue
;   CITY:  Milwaukee
;   STATE:  Wisconsin
;   COUNTRY:  U.S.A.
;   ZIP:  53202-4497
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE:  Floppy disk
;   COMPUTER:  IBM PC compatible
;   OPERATING SYSTEM:  PC-DOS/MS-DOS
;   SOFTWARE:  PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER:  US/08/970,833
;   FILING DATE:
;   CLASSIFICATION:  530
;   ATTORNEY/AGENT INFORMATION:

```

; NAME: Baker, Jean C.
 ; REGISTRATION NUMBER: 35,433
 ; REFERENCE/DOCKET NUMBER: 960296.94291
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (414) 277-5709
 ; TELEFAX: (414) 271-3552
 ; INFORMATION FOR SEQ ID NO: 10:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; FEATURE:
 ; NAME/KEY: Peptide
 ; LOCATION: 13..14
 ; OTHER INFORMATION: /note= "amino caproate should
 ; OTHER INFORMATION: appear between residues 13 and 14."
 US-08-970-833-10

Query Match 100.0%; Score 40; DB 3; Length 20;
 Best Local Similarity 100.0%; Pred. No. 0.031;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 3 KLVFFAED 10

RESULT 22

US-08-304-585-7

; Sequence 7, Application US/08304585
 ; Patent No. 5721106
 ; GENERAL INFORMATION:
 ; APPLICANT: Maggio, John E.
 ; APPLICANT: Mantyh, Patrick W.
 ; TITLE OF INVENTION: LABELLED BETA-AMYLOID PEPTIDE AND
 ; TITLE OF INVENTION: METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach, P.A.
 ; STREET: P.O. Box 581415
 ; CITY: Minneapolis
 ; STATE: MN
 ; COUNTRY: USA
 ; ZIP: 55458-1415
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/304,585
 ; FILING DATE: 12-SEP-1994
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Mueting, Ann M.

; REGISTRATION NUMBER: 33,977
 ; REFERENCE/DOCKET NUMBER: 110.00010120
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 612-305-1217
 ; TELEFAX: 612-305-1228
 ; INFORMATION FOR SEQ ID NO: 7:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 26 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: not relevant
 ; TOPOLOGY: not relevant
 ; MOLECULE TYPE: peptide
 US-08-304-585-7

Query Match 100.0%; Score 40; DB 1; Length 26;
 Best Local Similarity 100.0%; Pred. No. 0.04;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 7 KLVFFAED 14

RESULT 23

US-08-346-849-4

; Sequence 4, Application US/08346849
 ; Patent No. 5670483

; GENERAL INFORMATION:

; APPLICANT: Zhang, Shuguang
 ; APPLICANT: Lockshin, Curtis
 ; APPLICANT: Rich, Alexander
 ; APPLICANT: Holmes, Todd
 ; TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
 ; TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
 ; TITLE OF INVENTION: THEREFOR
 ; NUMBER OF SEQUENCES: 64
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
 ; STREET: Two Militia Drive
 ; CITY: Lexington
 ; STATE: Massachusetts
 ; COUNTRY: U.S.A.
 ; ZIP: 02173-4799

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/346,849
 ; FILING DATE:
 ; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/973,326
 ; FILING DATE: 28 DECEMBER 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Brook, David E.

; REGISTRATION NUMBER: 22,592
 ; REFERENCE/DOCKET NUMBER: MIT-6008
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (617) 861-6240
 ; TELEFAX: (617) 861-9540
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 28 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 US-08-346-849-4

Query Match 100.0%; Score 40; DB 1; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.044;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 24

US-08-302-808-7

; Sequence 7, Application US/08302808

; Patent No. 5750349

; GENERAL INFORMATION:

; APPLICANT: SUZUKI, No. 5750349uhiro

; APPLICANT: ODAKA, Asano

; APPLICANT: KITADA, Chieko

; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR

; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN

; STREET: 130 WATER STREET

; CITY: BOSTON

; STATE: MA

; COUNTRY: USA

; ZIP: 02019

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/302,808

; FILING DATE: 15-SEP-1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/JP94/00089

; FILING DATE: 24-JAN-1994

; APPLICATION NUMBER: 010132/1993

; FILING DATE: 25-JAN-1993

; APPLICATION NUMBER: 019035/1993

; FILING DATE: 05-FEB-1993

; APPLICATION NUMBER: 286985/1993

```

; FILING DATE: 16-NOV-1993
; APPLICATION NUMBER: 334773/1993
; FILING DATE: 28-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVID, RESNICK S
; REGISTRATION NUMBER: 34,235
; REFERENCE/DOCKET NUMBER: 44631
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; TELEX: 200291 STRE
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
US-08-302-808-7

```

```

Query Match          100.0%; Score 40; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 25

US-08-609-090-2

```

; Sequence 2, Application US/08609090
; Patent No. 5840838
; GENERAL INFORMATION:
; APPLICANT: HENSLEY, Kenneth
; APPLICANT: BUTTERFIELD, D. A.
; APPLICANT: CARNEY, John M.
; APPLICANT: AKSENOV, Michael
; TITLE OF INVENTION: A PROCESS FOR ENHANCING THE ACTIVITY OF
; TITLE OF INVENTION: AN OLIGOPEPTIDE OR POLYPEPTIDES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LOWE PRICE LEBLANC & BECKER
; STREET: 99 Canal Center Plaza, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/609,090
; FILING DATE: 29-FEB-1996
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kraus, Eric J.
; REGISTRATION NUMBER: 36,190
; REFERENCE/DOCKET NUMBER: 434-059
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-684-1111
; TELEFAX: 703-684-1124
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-609-090-2

```

```

Query Match          100.0%; Score 40; DB 2; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 26

US-08-986-948-7

```

; Sequence 7, Application US/08986948
; Patent No. 5955317
; GENERAL INFORMATION:
; APPLICANT: SUZUKI, No. 5955317uhiro
; APPLICANT: ODAKA, Asano
; APPLICANT: KITADA, Chieko
; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR
; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02019
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/986,948
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:

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```

; APPLICATION NUMBER: 08/302,808
; FILING DATE: 15-SEP-1994
; APPLICATION NUMBER: PCT/JP94/00089
; FILING DATE: 24-JAN-1994
; APPLICATION NUMBER: 010132/1993
; FILING DATE: 25-JAN-1993
; APPLICATION NUMBER: 019035/1993
; FILING DATE: 05-FEB-1993
; APPLICATION NUMBER: 286985/1993
; FILING DATE: 16-NOV-1993
; APPLICATION NUMBER: 334773/1993
; FILING DATE: 28-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVID, RESNICK S
; REGISTRATION NUMBER: 34,235
; REFERENCE/DOCKET NUMBER: 44631
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; TELEX: 200291 STRE
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
US-08-986-948-7

```

```

Query Match          100.0%; Score 40; DB 2; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 27

US-08-293-284A-4

```

; Sequence 4, Application US/08293284A
; Patent No. 5955343
; GENERAL INFORMATION:
; APPLICANT: Holmes, Todd
; APPLICANT: Zhang, Shuguang
; APPLICANT: Rich, Alexander
; APPLICANT: DiPersio, C. Michael
; APPLICANT: Lockshin, Curtis
; TITLE OF INVENTION: STABLE MACROSCOPIC MEMBRANES FORMED BY
; TITLE OF INVENTION: SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
; TITLE OF INVENTION: THEREFOR
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:

```


; ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
 ; STREET: Two Militia Drive
 ; CITY: Lexington
 ; STATE: Massachusetts
 ; COUNTRY: U.S.A.
 ; ZIP: 02173-4799
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/293,284A
 ; FILING DATE: 22-AUG-1994
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 07/973,326
 ; FILING DATE: 28-DEC-1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Brook, David E.
 ; REGISTRATION NUMBER: 22,592
 ; REFERENCE/DOCKET NUMBER: MIT-6008A
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (617) 861-6240
 ; TELEFAX: (617) 861-9540
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 28 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 US-08-293-284A-4

Query Match 100.0%; Score 40; DB 2; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.044;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 28

US-08-461-216-2

; Sequence 2, Application US/08461216
 ; Patent No. 5958883
 ; GENERAL INFORMATION:
 ; APPLICANT: Snow, A.D.
 ; TITLE OF INVENTION: ANIMAL MODELS OF HUMAN AMYLOIDOSES
 ; NUMBER OF SEQUENCES: 8
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Christensen, O'Connor, Johnson and Kindness
 ; STREET: 1420 Fifth Avenue, Suite 2800
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: USA
 ; ZIP: 98101-2347

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette-5.25 inch, 1.2Mb storage
; COMPUTER: IBM PC/386 Compatible
; OPERATING SYSTEM: MS-DOS 4.01
; SOFTWARE: Word for Windows-t
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,216
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/969,734
; FILING DATE: October 23, 1992
; APPLICATION NUMBER: 07/950,417
; FILING DATE: September 23, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Broderick, Thomas F.
; REGISTRATION NUMBER: 31,332
; REFERENCE/DOCKET NUMBER: UOFW-1-6707
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 1-206-682-8100; 1-206-224-0709 (direct)
; TELEFAX: 1-206-224-0779
; TELEX: 4938023
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; DESCRIPTION: {SYMBOL 98 \f "Symbol"}/A4(1-28);
; DESCRIPTION: page 83, line 31
US-08-461-216-2

```

```

Query Match          100.0%; Score 40; DB 2; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative    0; Mismatches    0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 29

US-09-388-890-2

```

; Sequence 2, Application US/09388890
; Patent No. 6136548
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US

```

```

; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/388,890
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/686,959
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I.
; REGISTRATION NUMBER: 32,680
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: HOMO SAPIENS
; IMMEDIATE SOURCE:
; CLONE: B(1-28) peptide of amyloid B protein
US-09-388-890-2

```

```

Query Match          100.0%; Score 40; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 30

US-09-388-890-3

```

; Sequence 3, Application US/09388890
; Patent No. 6136548
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US

```

```

; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/388,890
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/686,959
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I.
; REGISTRATION NUMBER: 32,680
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: YES
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: HOMO SAPIENS
; IMMEDIATE SOURCE:
; CLONE: D1N B(1-28) peptide of amyloid B protein
US-09-388-890-3

```

```

Query Match          100.0%;  Score 40;  DB 3;  Length 28;
Best Local Similarity 100.0%;  Pred. No. 0.044;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 31

US-09-388-890-4

```

; Sequence 4, Application US/09388890
; Patent No. 6136548
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US

```

```

;      ZIP: 20004
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: PatentIn Release #1.0, Version #1.25
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/388,890
;      FILING DATE:
;      CLASSIFICATION:
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 08/686,959
;      FILING DATE:
;      ATTORNEY/AGENT INFORMATION:
;      NAME: AUERBACH, JEFFREY I.
;      REGISTRATION NUMBER: 32,680
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (202) 383-7451
;      TELEFAX: (202) 383-6610
;      INFORMATION FOR SEQ ID NO: 4:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 28 amino acids
;      TYPE: amino acid
;      TOPOLOGY: linear
;      MOLECULE TYPE: peptide
;      HYPOTHETICAL: YES
;      FRAGMENT TYPE: N-terminal
;      ORIGINAL SOURCE:
;      ORGANISM: HOMO SAPIENS
;      IMMEDIATE SOURCE:
;      CLONE: E3Q B(1-28) peptide of amyloid B protein
US-09-388-890-4

```

```

Query Match          100.0%; Score 40; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 32

US-09-388-890-5

; Sequence 5, Application US/09388890

; Patent No. 6136548

; GENERAL INFORMATION:

; APPLICANT: ANDERSON, STEPHEN

; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT

; TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: HOWREY & SIMON

; STREET: 1299 PENNSYLVANIA AVENUE, N.W.

; CITY: WASHINGTON

; STATE: D.C.

; COUNTRY: US

```

;      ZIP: 20004
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: PatentIn Release #1.0, Version #1.25
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/388,890
;      FILING DATE:
;      CLASSIFICATION:
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 08/686,959
;      FILING DATE:
;      ATTORNEY/AGENT INFORMATION:
;      NAME: AUERBACH, JEFFREY I.
;      REGISTRATION NUMBER: 32,680
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (202) 383-7451
;      TELEFAX: (202) 383-6610
;      INFORMATION FOR SEQ ID NO: 5:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 28 amino acids
;      TYPE: amino acid
;      TOPOLOGY: linear
;      MOLECULE TYPE: peptide
;      HYPOTHETICAL: YES
;      FRAGMENT TYPE: N-terminal
;      ORIGINAL SOURCE:
;      ORGANISM: HOMO SAPIENS
;      IMMEDIATE SOURCE:
;      CLONE: R5Q B(1-28) peptide of amyloid B protein
US-09-388-890-5

```

```

Query Match          100.0%; Score 40; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 33

US-09-388-890-6

```

; Sequence 6, Application US/09388890
; Patent No. 6136548
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US

```

```

;      ZIP: 20004
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: PatentIn Release #1.0, Version #1.25
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/388,890
;      FILING DATE:
;      CLASSIFICATION:
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 08/686,959
;      FILING DATE:
;      ATTORNEY/AGENT INFORMATION:
;      NAME: AUERBACH, JEFFREY I.
;      REGISTRATION NUMBER: 32,680
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (202) 383-7451
;      TELEFAX: (202) 383-6610
;      INFORMATION FOR SEQ ID NO: 6:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 28 amino acids
;      TYPE: amino acid
;      TOPOLOGY: linear
;      MOLECULE TYPE: peptide
;      HYPOTHETICAL: YES
;      FRAGMENT TYPE: N-terminal
;      ORIGINAL SOURCE:
;      ORGANISM: HOMO SAPIENS
;      IMMEDIATE SOURCE:
;      CLONE: H6Q B(1-28) peptide of amyloid B protein
US-09-388-890-6

```

```

Query Match          100.0%;  Score 40;  DB 3;  Length 28;
Best Local Similarity 100.0%;  Pred. No. 0.044;
Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 34

US-09-388-890-7

; Sequence 7, Application US/09388890

; Patent No. 6136548

; GENERAL INFORMATION:

; APPLICANT: ANDERSON, STEPHEN

; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT

; TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: HOWREY & SIMON

; STREET: 1299 PENNSYLVANIA AVENUE, N.W.

; CITY: WASHINGTON

; STATE: D.C.

; COUNTRY: US


```

;      ZIP: 20004
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: PatentIn Release #1.0, Version #1.25
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/388,890
;      FILING DATE:
;      CLASSIFICATION:
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 08/686,959
;      FILING DATE:
;      ATTORNEY/AGENT INFORMATION:
;      NAME: AUERBACH, JEFFREY I.
;      REGISTRATION NUMBER: 32,680
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (202) 383-7451
;      TELEFAX: (202) 383-6610
;      INFORMATION FOR SEQ ID NO: 7:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 28 amino acids
;      TYPE: amino acid
;      TOPOLOGY: linear
;      MOLECULE TYPE: peptide
;      HYPOTHETICAL: YES
;      FRAGMENT TYPE: N-terminal
;      ORIGINAL SOURCE:
;      ORGANISM: HOMO SAPIENS
;      IMMEDIATE SOURCE:
;      CLONE: D7Q B(1-28) peptide of amyloid B protein
US-09-388-890-7

```

```

Query Match          100.0%;  Score 40;  DB 3;  Length 28;
Best Local Similarity 100.0%;  Pred. No. 0.044;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 35

US-09-388-890-8

```

; Sequence 8, Application US/09388890
; Patent No. 6136548
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US

```

```

; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/388,890
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/686,959
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I.
; REGISTRATION NUMBER: 32,680
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: YES
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: HOMO SAPIENS
; IMMEDIATE SOURCE:
; CLONE: E11Q B(1-28) peptide of amyloid B protein
US-09-388-890-8

```

```

Query Match          100.0%; Score 40; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 36

US-09-388-890-9

```

; Sequence 9, Application US/09388890
; Patent No. 6136548
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US

```

```

; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/388,890
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/686,959
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I.
; REGISTRATION NUMBER: 32,680
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: YES
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: HOMO SAPIENS
; IMMEDIATE SOURCE:
; CLONE: H13Q B(1-28) peptide of amyloid B protein
US-09-388-890-9

```

```

Query Match          100.0%; Score 40; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 37

US-09-388-890-10

```

; Sequence 10, Application US/09388890
; Patent No. 6136548
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US

```

```

;      ZIP: 20004
;      COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: PatentIn Release #1.0, Version #1.25
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/388,890
;      FILING DATE:
;      CLASSIFICATION:
;      PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 08/686,959
;      FILING DATE:
;      ATTORNEY/AGENT INFORMATION:
;      NAME: AUERBACH, JEFFREY I.
;      REGISTRATION NUMBER: 32,680
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (202) 383-7451
;      TELEFAX: (202) 383-6610
;      INFORMATION FOR SEQ ID NO: 10:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 28 amino acids
;      TYPE: amino acid
;      TOPOLOGY: linear
;      MOLECULE TYPE: peptide
;      HYPOTHETICAL: YES
;      FRAGMENT TYPE: N-terminal
;      ORIGINAL SOURCE:
;      ORGANISM: HOMO SAPIENS
;      IMMEDIATE SOURCE:
;      CLONE: H14Q B(1-28) peptide of amyloid B protein
US-09-388-890-10

```

```

Query Match          100.0%;  Score 40;  DB 3;  Length 28;
Best Local Similarity 100.0%;  Pred. No. 0.044;
Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 38

US-09-388-890-14

```

; Sequence 14, Application US/09388890
; Patent No. 6136548
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; TITLE OF INVENTION: OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US

```

```

; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/388,890
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/686,959
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I.
; REGISTRATION NUMBER: 32,680
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: YES
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: HOMO SAPIENS
; IMMEDIATE SOURCE:
; CLONE: K28Q B(1-28) peptide of amyloid B protein
US-09-388-890-14

```

```

Query Match          100.0%; Score 40; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

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RESULT 39

US-09-264-709A-1

```

; Sequence 1, Application US/09264709A
; Patent No. 6320024
; GENERAL INFORMATION:
; APPLICANT: Roberts, Eugene
; TITLE OF INVENTION: Method for Design of Substances that Enhance Memory and
; TITLE OF INVENTION: Improve the Quality of Life
; FILE REFERENCE: 2124-310
; CURRENT APPLICATION NUMBER: US/09/264,709A
; CURRENT FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: 08/797,782
; PRIOR FILING DATE: 1997-02-07
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1

```

; SEQ ID NO 1
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-264-709A-1

Query Match 100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
| | | | | | | |
Db 16 KLVFFAED 23

RESULT 40

US-08-723-661B-2

; Sequence 2, Application US/08723661B

; Patent No. 6340783

; GENERAL INFORMATION:

; APPLICANT: Alan D Snow

; TITLE OF INVENTION: Animal Models of Human Amyloidoses

; NUMBER OF SEQUENCES: 7

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Patrick M. Dwyer

; STREET: 1818 Westlake Avenue N, Suite 114

; CITY: Seattle

; STATE: WA (Washington)

; COUNTRY: United States of America

; ZIP: 98109

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage

; COMPUTER: IBM PC

; OPERATING SYSTEM: PC-DOS (Windows 98)

; SOFTWARE: WordPerfect 5.2

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/723,661B

; FILING DATE: 31-Oct-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/461,216

; FILING DATE: 05-Jun-1995

; APPLICATION NUMBER: 07/969,734

; FILING DATE: 23-Oct-1992

; APPLICATION NUMBER: 07/950,417

; FILING DATE: 23-Sep-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Dwyer, Patrick M.

; REGISTRATION NUMBER: 32,411

; REFERENCE/DOCKET NUMBER: PROTEO.P00C1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (206) 343-7074

; TELEFAX: (206) 343-7085

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 28 AMINO ACIDS

; TYPE: AMINO ACID

; STRANDEDNESS: SINGLE

; TOPOLOGY: LINEAR
; MOLECULE TYPE: PEPTIDE
; DESCRIPTION: /A4 (1-28); page 83, line 31
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-08-723-661B-2

Query Match 100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
| | | | | | | |
Db 16 KLVFFAED 23

RESULT 41

US-09-660-954-2

; Sequence 2, Application US/09660954
; Patent No. 6471960

; GENERAL INFORMATION:

; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US
; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/660,954
; FILING DATE: 13-Sep-2000
; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/388,890
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/686,959
; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: AUERBACH, JEFFREY I.
; REGISTRATION NUMBER: 32,680

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 28 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; HYPOTHETICAL: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: HOMO SAPIENS
; IMMEDIATE SOURCE:
; CLONE: B(1-28) peptide of amyloid B protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-660-954-2

Query Match 100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
| | | | |
Db 16 KLVFFAED 23

RESULT 42

US-09-660-954-3

; Sequence 3, Application US/09660954
; Patent No. 6471960
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/660,954
; FILING DATE: 13-Sep-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/388,890
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/686,959
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I.
; REGISTRATION NUMBER: 32,680
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids

; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: YES
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: HOMO SAPIENS
; IMMEDIATE SOURCE:
; CLONE: D1N B(1-28) peptide of amyloid B protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-660-954-3

Query Match 100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
| | | | | | | |
Db 16 KLVFFAED 23

RESULT 43

US-09-660-954-4

; Sequence 4, Application US/09660954

; Patent No. 6471960

; GENERAL INFORMATION:

; APPLICANT: ANDERSON, STEPHEN

; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT

; OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: HOWREY & SIMON

; STREET: 1299 PENNSYLVANIA AVENUE, N.W.

; CITY: WASHINGTON

; STATE: D.C.

; COUNTRY: US

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/660,954

; FILING DATE: 13-Sep-2000

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/388,890

; FILING DATE: <Unknown>

; APPLICATION NUMBER: 08/686,959

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: AUERBACH, JEFFREY I.

; REGISTRATION NUMBER: 32,680

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 383-7451

; TELEFAX: (202) 383-6610

```

; INFORMATION FOR SEQ ID NO: 4:
;   SEQUENCE CHARACTERISTICS:
;       LENGTH: 28 amino acids
;       TYPE: amino acid
;       TOPOLOGY: linear
;   MOLECULE TYPE: peptide
;   HYPOTHETICAL: YES
;   FRAGMENT TYPE: N-terminal
;   ORIGINAL SOURCE:
;       ORGANISM: HOMO SAPIENS
;   IMMEDIATE SOURCE:
;       CLONE: E3Q B(1-28) peptide of amyloid B protein
;   SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-660-954-4

```

```

Query Match          100.0%;  Score 40;  DB 4;  Length 28;
Best Local Similarity 100.0%;  Pred. No. 0.044;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 44

US-09-660-954-5

```

; Sequence 5, Application US/09660954
; Patent No. 6471960

```

; GENERAL INFORMATION:

```

;   APPLICANT: ANDERSON, STEPHEN
;   TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
;                       OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
;   NUMBER OF SEQUENCES: 14
;   CORRESPONDENCE ADDRESS:
;       ADDRESSEE: HOWREY & SIMON
;       STREET: 1299 PENNSYLVANIA AVENUE, N.W.
;       CITY: WASHINGTON
;       STATE: D.C.
;       COUNTRY: US
;       ZIP: 20004

```

; COMPUTER READABLE FORM:

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;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.25

```

; CURRENT APPLICATION DATA:

```

;   APPLICATION NUMBER: US/09/660,954
;   FILING DATE: 13-Sep-2000
;   CLASSIFICATION: <Unknown>

```

; PRIOR APPLICATION DATA:

```

;   APPLICATION NUMBER: US/09/388,890
;   FILING DATE: <Unknown>
;   APPLICATION NUMBER: 08/686,959
;   FILING DATE: <Unknown>

```

; ATTORNEY/AGENT INFORMATION:

```

;   NAME: AUERBACH, JEFFREY I.
;   REGISTRATION NUMBER: 32,680

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: YES
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: HOMO SAPIENS
; IMMEDIATE SOURCE:
; CLONE: R5Q B(1-28) peptide of amyloid B protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-660-954-5

```

```

Query Match          100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 45

US-09-660-954-6

```

; Sequence 6, Application US/09660954
; Patent No. 6471960
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/660,954
; FILING DATE: 13-Sep-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/388,890
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/686,959
; FILING DATE: <Unknown>

```

```

;      ATTORNEY/AGENT INFORMATION:
;      NAME: AUERBACH, JEFFREY I.
;      REGISTRATION NUMBER: 32,680
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (202) 383-7451
;      TELEFAX: (202) 383-6610
;      INFORMATION FOR SEQ ID NO: 6:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH: 28 amino acids
;      TYPE: amino acid
;      TOPOLOGY: linear
;      MOLECULE TYPE: peptide
;      HYPOTHETICAL: YES
;      FRAGMENT TYPE: N-terminal
;      ORIGINAL SOURCE:
;      ORGANISM: HOMO SAPIENS
;      IMMEDIATE SOURCE:
;      CLONE: H6Q B(1-28) peptide of amyloid B protein
;      SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-660-954-6

```

```

Query Match          100.0%;  Score 40;  DB 4;  Length 28;
Best Local Similarity 100.0%;  Pred. No. 0.044;
Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 46

US-09-660-954-7

; Sequence 7, Application US/09660954

; Patent No. 6471960

; GENERAL INFORMATION:

; APPLICANT: ANDERSON, STEPHEN

; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT

; OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: HOWREY & SIMON

; STREET: 1299 PENNSYLVANIA AVENUE, N.W.

; CITY: WASHINGTON

; STATE: D.C.

; COUNTRY: US

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/660,954

; FILING DATE: 13-Sep-2000

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/388,890

```

;          FILING DATE: <Unknown>
;          APPLICATION NUMBER: 08/686,959
;          FILING DATE: <Unknown>
;    ATTORNEY/AGENT INFORMATION:
;          NAME: AUERBACH, JEFFREY I.
;          REGISTRATION NUMBER: 32,680
;    TELECOMMUNICATION INFORMATION:
;          TELEPHONE: (202) 383-7451
;          TELEFAX: (202) 383-6610
;    INFORMATION FOR SEQ ID NO: 7:
;      SEQUENCE CHARACTERISTICS:
;        LENGTH: 28 amino acids
;        TYPE: amino acid
;        TOPOLOGY: linear
;      MOLECULE TYPE: peptide
;      HYPOTHETICAL: YES
;      FRAGMENT TYPE: N-terminal
;      ORIGINAL SOURCE:
;        ORGANISM: HOMO SAPIENS
;      IMMEDIATE SOURCE:
;        CLONE: D7Q B(1-28) peptide of amyloid B protein
;      SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-660-954-7

```

```

Query Match          100.0%;  Score 40;  DB 4;  Length 28;
Best Local Similarity 100.0%;  Pred. No. 0.044;
Matches      8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 47

US-09-660-954-8

; Sequence 8, Application US/09660954

; Patent No. 6471960

; GENERAL INFORMATION:

; APPLICANT: ANDERSON, STEPHEN

; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT

; OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: HOWREY & SIMON

; STREET: 1299 PENNSYLVANIA AVENUE, N.W.

; CITY: WASHINGTON

; STATE: D.C.

; COUNTRY: US

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/660,954

; FILING DATE: 13-Sep-2000

```

;          CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
;          APPLICATION NUMBER: US/09/388,890
;          FILING DATE: <Unknown>
;          APPLICATION NUMBER: 08/686,959
;          FILING DATE: <Unknown>
;
; ATTORNEY/AGENT INFORMATION:
;          NAME: AUERBACH, JEFFREY I.
;          REGISTRATION NUMBER: 32,680
;
; TELECOMMUNICATION INFORMATION:
;          TELEPHONE: (202) 383-7451
;          TELEFAX: (202) 383-6610
;
; INFORMATION FOR SEQ ID NO: 8:
;          SEQUENCE CHARACTERISTICS:
;          LENGTH: 28 amino acids
;          TYPE: amino acid
;          TOPOLOGY: linear
;
; MOLECULE TYPE: peptide
;
; HYPOTHETICAL: YES
;
; FRAGMENT TYPE: N-terminal
;
; ORIGINAL SOURCE:
;          ORGANISM: HOMO SAPIENS
;
; IMMEDIATE SOURCE:
;          CLONE: E11Q B(1-28) peptide of amyloid B protein
;
;          SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-660-954-8

```

```

Query Match          100.0%;  Score 40;  DB 4;  Length 28;
Best Local Similarity 100.0%;  Pred. No. 0.044;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 48

US-09-660-954-9

```

; Sequence 9, Application US/09660954
; Patent No. 6471960

```

```

; GENERAL INFORMATION:

```

```

;          APPLICANT: ANDERSON, STEPHEN
;          TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
;                                OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
;
;          NUMBER OF SEQUENCES: 14
;
;          CORRESPONDENCE ADDRESS:
;          ADDRESSEE: HOWREY & SIMON
;          STREET: 1299 PENNSYLVANIA AVENUE, N.W.
;          CITY: WASHINGTON
;          STATE: D.C.
;          COUNTRY: US
;          ZIP: 20004

```

```

; COMPUTER READABLE FORM:

```

```

;          MEDIUM TYPE: Floppy disk
;          COMPUTER: IBM PC compatible
;          OPERATING SYSTEM: PC-DOS/MS-DOS
;          SOFTWARE: PatentIn Release #1.0, Version #1.25

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/660,954
; FILING DATE: 13-Sep-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/388,890
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/686,959
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I.
; REGISTRATION NUMBER: 32,680
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: YES
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
; ORGANISM: HOMO SAPIENS
; IMMEDIATE SOURCE:
; CLONE: H13Q B(1-28) peptide of amyloid B protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-660-954-9

```

```

Query Match          100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 49

US-09-660-954-10

```

; Sequence 10, Application US/09660954
; Patent No. 6471960
; GENERAL INFORMATION:
; APPLICANT: ANDERSON, STEPHEN
; TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
; OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: US
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

```

```

;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: PatentIn Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/09/660,954
;      FILING DATE: 13-Sep-2000
;      CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: US/09/388,890
;      FILING DATE: <Unknown>
;      APPLICATION NUMBER: 08/686,959
;      FILING DATE: <Unknown>
;
; ATTORNEY/AGENT INFORMATION:
;      NAME: AUERBACH, JEFFREY I.
;      REGISTRATION NUMBER: 32,680
;
; TELECOMMUNICATION INFORMATION:
;      TELEPHONE: (202) 383-7451
;      TELEFAX: (202) 383-6610
;
; INFORMATION FOR SEQ ID NO: 10:
;      SEQUENCE CHARACTERISTICS:
;          LENGTH: 28 amino acids
;          TYPE: amino acid
;          TOPOLOGY: linear
;
;      MOLECULE TYPE: peptide
;      HYPOTHETICAL: YES
;      FRAGMENT TYPE: N-terminal
;
;      ORIGINAL SOURCE:
;          ORGANISM: HOMO SAPIENS
;
;      IMMEDIATE SOURCE:
;          CLONE: H14Q B(1-28) peptide of amyloid B protein
;
;      SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-660-954-10

```

```

Query Match          100.0%;  Score 40;  DB 4;  Length 28;
Best Local Similarity 100.0%;  Pred. No. 0.044;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 50

US-09-660-954-14

```

; Sequence 14, Application US/09660954
; Patent No. 6471960
;
; GENERAL INFORMATION:
;
;      APPLICANT: ANDERSON, STEPHEN
;
;      TITLE OF INVENTION: METHODS FOR THE PREVENTION AND TREATMENT
;                          OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
;
;      NUMBER OF SEQUENCES: 14
;
;      CORRESPONDENCE ADDRESS:
;          ADDRESSEE: HOWREY & SIMON
;          STREET: 1299 PENNSYLVANIA AVENUE, N.W.
;          CITY: WASHINGTON
;          STATE: D.C.
;          COUNTRY: US

```

```

;           ZIP: 20004
;
;   COMPUTER READABLE FORM:
;           MEDIUM TYPE: Floppy disk
;           COMPUTER: IBM PC compatible
;           OPERATING SYSTEM: PC-DOS/MS-DOS
;           SOFTWARE: PatentIn Release #1.0, Version #1.25
;
;   CURRENT APPLICATION DATA:
;           APPLICATION NUMBER: US/09/660,954
;           FILING DATE: 13-Sep-2000
;           CLASSIFICATION: <Unknown>
;
;   PRIOR APPLICATION DATA:
;           APPLICATION NUMBER: US/09/388,890
;           FILING DATE: <Unknown>
;           APPLICATION NUMBER: 08/686,959
;           FILING DATE: <Unknown>
;
;   ATTORNEY/AGENT INFORMATION:
;           NAME: AUERBACH, JEFFREY I.
;           REGISTRATION NUMBER: 32,680
;
;   TELECOMMUNICATION INFORMATION:
;           TELEPHONE: (202) 383-7451
;           TELEFAX: (202) 383-6610
;
;   INFORMATION FOR SEQ ID NO: 14:
;           SEQUENCE CHARACTERISTICS:
;           LENGTH: 28 amino acids
;           TYPE: amino acid
;           TOPOLOGY: linear
;
;   MOLECULE TYPE: peptide
;
;   HYPOTHETICAL: YES
;
;   FRAGMENT TYPE: N-terminal
;
;   ORIGINAL SOURCE:
;           ORGANISM: HOMO SAPIENS
;
;   IMMEDIATE SOURCE:
;           CLONE: K28Q B(1-28) peptide of amyloid B protein
;
;   SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-660-954-14

```

```

Query Match          100.0%;   Score 40;   DB 4;   Length 28;
Best Local Similarity 100.0%;   Pred. No. 0.044;
Matches      8;   Conservative    0;   Mismatches    0;   Indels    0;   Gaps    0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

```

RESULT 51
US-08-898-300-4
; Sequence 4, Application US/08898300
; Patent No. 6548630
;   GENERAL INFORMATION:
;   APPLICANT:  Zhang, Shuguang
;   APPLICANT:  Lockshin, Curtis
;   APPLICANT:  Rich, Alexander
;   APPLICANT:  Holmes, Todd
;   TITLE OF INVENTION:  STABLE MACROSCOPIC MEMBRANES FORMED BY
;   TITLE OF INVENTION:  SELF-ASSEMBLY OF AMPHIPHILIC PEPTIDES AND USES
;   TITLE OF INVENTION:  THEREFOR

```

```

; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02173-4799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/898,300
; FILING DATE: 22 JULY 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,849
; FILING DATE: 30 NOVENBER 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/973,326
; FILING DATE: 28 DECEMBER 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: MIT-6008FB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-898-300-4

```

```

Query Match          100.0%; Score 40; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.044;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 52

US-08-609-090-3

; Sequence 3, Application US/08609090

; Patent No. 5840838

; GENERAL INFORMATION:

; APPLICANT: HENSLEY, Kenneth

; APPLICANT: BUTTERFIELD, D. A.

; APPLICANT: CARNEY, John M.

; APPLICANT: AKSENOV, Michael

; TITLE OF INVENTION: A PROCESS FOR ENHANCING THE ACTIVITY OF

```

; TITLE OF INVENTION: AN OLIGOPEPTIDE OR POLYPEPTIDES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LOWE PRICE LEBLANC & BECKER
; STREET: 99 Canal Center Plaza, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/609,090
; FILING DATE: 29-FEB-1996
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kraus, Eric J.
; REGISTRATION NUMBER: 36,190
; REFERENCE/DOCKET NUMBER: 434-059
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-684-1111
; TELEFAX: 703-684-1124
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-609-090-3

```

```

Query Match          100.0%; Score 40; DB 2; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.047;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 53

US-08-609-090-4

```

; Sequence 4, Application US/08609090
; Patent No. 5840838

```

GENERAL INFORMATION:

```

; APPLICANT: HENSLEY, Kenneth
; APPLICANT: BUTTERFIELD, D. A.
; APPLICANT: CARNEY, John M.
; APPLICANT: AKSENOV, Michael
; TITLE OF INVENTION: A PROCESS FOR ENHANCING THE ACTIVITY OF
; TITLE OF INVENTION: AN OLIGOPEPTIDE OR POLYPEPTIDES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LOWE PRICE LEBLANC & BECKER

```

```

; STREET: 99 Canal Center Plaza, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/609,090
; FILING DATE: 29-FEB-1996
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kraus, Eric J.
; REGISTRATION NUMBER: 36,190
; REFERENCE/DOCKET NUMBER: 434-059
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-684-1111
; TELEFAX: 703-684-1124
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-609-090-4

```

```

Query Match          100.0%; Score 40; DB 2; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.052;
Matches      8; Conservative    0; Mismatches    0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 54

US-08-475-579A-4

```

; Sequence 4, Application US/08475579A
; Patent No. 5854215
; GENERAL INFORMATION:
; APPLICANT: Mark A. Findeis et al.
; TITLE OF INVENTION: Modulators of {SYMBOL 98 \f "Symbol"}-Amyloid Peptide
Aggrega
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

```

```

;   COMPUTER:  IBM PC compatible
;   OPERATING SYSTEM:  PC-DOS/MS-DOS
;   SOFTWARE:  PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/475,579A
;     FILING DATE:  07-JUN-1995
;     CLASSIFICATION:  514
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER:  08/404,831
;     FILING DATE:  14-MAR-1995
;     CLASSIFICATION:  514
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  Kara, Catherine J.
;     REGISTRATION NUMBER:  P41,106
;     REFERENCE/DOCKET NUMBER:  PPI-002CP
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  (617)227-7400
;     TELEFAX:  (617)742-4214
;   INFORMATION FOR SEQ ID NO:  4:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  34 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  peptide
;     FRAGMENT TYPE:  internal
US-08-475-579A-4

```

```

Query Match          100.0%;  Score 40;  DB 2;  Length 34;
Best Local Similarity 100.0%;  Pred. No. 0.053;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
             |||||
Db          10 KLVFFAED 17

```

RESULT 55

US-08-304-585-6

```

; Sequence 6, Application US/08304585
; Patent No. 5721106
;   GENERAL INFORMATION:
;     APPLICANT:  Maggio, John E.
;     APPLICANT:  Mantyh, Patrick W.
;     TITLE OF INVENTION:  LABELLED BETA-AMYLOID PEPTIDE AND
;     TITLE OF INVENTION:  METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
;     NUMBER OF SEQUENCES:  12
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Mueting, Raasch, Gebhardt & Schwappach, P.A.
;       STREET:  P.O. Box 581415
;       CITY:  Minneapolis
;       STATE:  MN
;       COUNTRY:  USA
;       ZIP:  55458-1415
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS

```

```

;   SOFTWARE:  PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER:  US/08/304,585
;   FILING DATE:  12-SEP-1994
;   CLASSIFICATION:  435
;   ATTORNEY/AGENT INFORMATION:
;   NAME:  Muetting, Ann M.
;   REGISTRATION NUMBER:  33,977
;   REFERENCE/DOCKET NUMBER:  110.00010120
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE:  612-305-1217
;   TELEFAX:  612-305-1228
;   INFORMATION FOR SEQ ID NO:  6:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH:  35 amino acids
;   TYPE:  amino acid
;   STRANDEDNESS:  not relevant
;   TOPOLOGY:  not relevant
;   MOLECULE TYPE:  peptide
US-08-304-585-6

```

```

Query Match          100.0%;  Score 40;  DB 1;  Length 35;
Best Local Similarity 100.0%;  Pred. No. 0.055;
Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 56

```

US-08-612-785B-16
; Sequence 16, Application US/08612785B
; Patent No. 5854204
; GENERAL INFORMATION:
;   APPLICANT:  Findeis, Mark A. et al.
;   TITLE OF INVENTION:  Ab Peptides that Modulate b-Amyloid
;   TITLE OF INVENTION:  Aggregation
;   NUMBER OF SEQUENCES:  40
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE:  LAHIVE & COCKFIELD
;   STREET:  28 State Street, Suite 510
;   CITY:  Boston
;   STATE:  Massachusetts
;   COUNTRY:  USA
;   ZIP:  02109-1875
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE:  Floppy disk
;   COMPUTER:  IBM PC compatible
;   OPERATING SYSTEM:  PC-DOS/MS-DOS
;   SOFTWARE:  PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER:  US/08/612,785B
;   FILING DATE:  Herewith
;   CLASSIFICATION:  514
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER:  USSN 08/404,831

```



```

; FILING DATE: 14-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/475,579
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/548,998
; FILING DATE: 27-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DeConti, Giulio A.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: PPI-002CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-08-612-785B-16

```

```

Query Match          100.0%; Score 40; DB 2; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.055;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      11 KLVFFAED 18

```

RESULT 57

```

US-08-612-785B-36
; Sequence 36, Application US/08612785B
; Patent No. 5854204
; GENERAL INFORMATION:
; APPLICANT: Findeis, Mark A. et al.
; TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
; TITLE OF INVENTION: Aggregation
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street, Suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/612,785B
; FILING DATE: Herewith
; CLASSIFICATION: 514

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/404,831
; FILING DATE: 14-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/475,579
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/548,998
; FILING DATE: 27-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DeConti, Giulio A.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: PPI-002CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-08-612-785B-36

```

```

Query Match          100.0%; Score 40; DB 2; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.055;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      11 KLVFFAED 18

```

RESULT 58

US-08-612-785B-38

```

; Sequence 38, Application US/08612785B
; Patent No. 5854204
; GENERAL INFORMATION:
; APPLICANT: Findeis, Mark A. et al.
; TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
; TITLE OF INVENTION: Aggregation
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street, Suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/612,785B

```

```

; FILING DATE: Herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/404,831
; FILING DATE: 14-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/475,579
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/548,998
; FILING DATE: 27-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DeConti, Giulio A.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: PPI-002CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-08-612-785B-38

```

```

Query Match          100.0%; Score 40; DB 2; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.055;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 59

US-08-612-785B-40

```

; Sequence 40, Application US/08612785B
; Patent No. 5854204
; GENERAL INFORMATION:
; APPLICANT: Findeis, Mark A. et al.
; TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
; TITLE OF INVENTION: Aggregation
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street, Suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/612,785B
; FILING DATE: Herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/404,831
; FILING DATE: 14-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/475,579
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/548,998
; FILING DATE: 27-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DeConti, Giulio A.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: PPI-002CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-08-612-785B-40

```

```

Query Match          100.0%; Score 40; DB 2; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.055;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      11 KLVFFAED 18

```

RESULT 60

US-08-617-267C-16

```

; Sequence 16, Application US/08617267C
; Patent No. 6319498
; GENERAL INFORMATION:
; APPLICANT: Findeis, Mark A. et al.
; TITLE OF INVENTION: Modulators of Amyloid Aggregation
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

```

```

;   SOFTWARE: PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/617,267C
;     FILING DATE: 14-MAR-1996
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: USSN 08/404,831
;     FILING DATE: 14-MAR-1995
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: USSN 08/475,579
;     FILING DATE: 07-JUN-1995
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: USSN 08/548,998
;     FILING DATE: 27-OCT-1995
;   ATTORNEY/AGENT INFORMATION:
;     NAME: DeConti, Giulio A.
;     REGISTRATION NUMBER: 31,503
;     REFERENCE/DOCKET NUMBER: PPI-002CP2
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: (617)227-7400
;     TELEFAX: (617)227-5941
;   INFORMATION FOR SEQ ID NO: 16:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 35 amino acids
;       TYPE: amino acid
;       TOPOLOGY: linear
;     MOLECULE TYPE: peptide
;     FRAGMENT TYPE: internal
US-08-617-267C-16

```

```

Query Match          100.0%; Score 40; DB 4; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.055;
Matches      8; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db     11 KLVFFAED 18

```

RESULT 61

US-08-609-090-6

```

; Sequence 6, Application US/08609090
; Patent No. 5840838
;   GENERAL INFORMATION:
;     APPLICANT: HENSLEY, Kenneth
;     APPLICANT: BUTTERFIELD, D. A.
;     APPLICANT: CARNEY, John M.
;     APPLICANT: AKSENOV, Michael
;     TITLE OF INVENTION: A PROCESS FOR ENHANCING THE ACTIVITY OF
;     TITLE OF INVENTION: AN OLIGOPEPTIDE OR POLYPEPTIDES
;     NUMBER OF SEQUENCES: 11
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE: LOWE PRICE LEBLANC & BECKER
;       STREET: 99 Canal Center Plaza, Suite 300
;       CITY: Alexandria
;       STATE: Virginia
;       COUNTRY: USA
;       ZIP: 22314

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/609,090
; FILING DATE: 29-FEB-1996
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kraus, Eric J.
; REGISTRATION NUMBER: 36,190
; REFERENCE/DOCKET NUMBER: 434-059
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-684-1111
; TELEFAX: 703-684-1124
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 36 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-609-090-6

```

```

Query Match          100.0%; Score 40; DB 2; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.057;
Matches      8; Conservative    0; Mismatches    0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 62

US-08-302-808-1

; Sequence 1, Application US/08302808

; Patent No. 5750349

; GENERAL INFORMATION:

; APPLICANT: SUZUKI, No. 5750349uhiro

; APPLICANT: ODAKA, Asano

; APPLICANT: KITADA, Chieko

; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR

; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN

; STREET: 130 WATER STREET

; CITY: BOSTON

; STATE: MA

; COUNTRY: USA

; ZIP: 02019

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSEQ Version 1.5

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/302,808
; FILING DATE: 15-SEP-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP94/00089
; FILING DATE: 24-JAN-1994
; APPLICATION NUMBER: 010132/1993
; FILING DATE: 25-JAN-1993
; APPLICATION NUMBER: 019035/1993
; FILING DATE: 05-FEB-1993
; APPLICATION NUMBER: 286985/1993
; FILING DATE: 16-NOV-1993
; APPLICATION NUMBER: 334773/1993
; FILING DATE: 28-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVID, RESNICK S
; REGISTRATION NUMBER: 34,235
; REFERENCE/DOCKET NUMBER: 44631
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; TELEX: 200291 STRE
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
US-08-302-808-1

```

```

Query Match          100.0%; Score 40; DB 1; Length 38;
Best Local Similarity 100.0%; Pred. No. 0.06;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 63

US-07-737-371E-68

```

; Sequence 68, Application US/07737371E
; Patent No. 5876948

```

; GENERAL INFORMATION:

```

; APPLICANT: Yankner, Bruce A.
; TITLE OF INVENTION: SCREENING METHODS TO IDENTIFY
; TITLE OF INVENTION: NEUROTOXIN INHIBITORS (AS AMENDED)
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street

```

```

; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/737,371E
; FILING DATE: 29-JUL-1991
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/559,172
; FILING DATE: 27-JUL-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 00108/028002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-737-371E-68

```

```

Query Match          100.0%; Score 40; DB 2; Length 38;
Best Local Similarity 100.0%; Pred. No. 0.06;
Matches      8; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 64

US-08-986-948-1

```

; Sequence 1, Application US/08986948
; Patent No. 5955317
; GENERAL INFORMATION:
; APPLICANT: SUZUKI, No. 5955317uhiro
; APPLICANT: ODAKA, Asano
; APPLICANT: KITADA, Chieko
; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR
; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MA

```



```

; COUNTRY: USA
; ZIP: 02019
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/986,948
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/302,808
; FILING DATE: 15-SEP-1994
; APPLICATION NUMBER: PCT/JP94/00089
; FILING DATE: 24-JAN-1994
; APPLICATION NUMBER: 010132/1993
; FILING DATE: 25-JAN-1993
; APPLICATION NUMBER: 019035/1993
; FILING DATE: 05-FEB-1993
; APPLICATION NUMBER: 286985/1993
; FILING DATE: 16-NOV-1993
; APPLICATION NUMBER: 334773/1993
; FILING DATE: 28-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVID, RESNICK S
; REGISTRATION NUMBER: 34,235
; REFERENCE/DOCKET NUMBER: 44631
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; TELEX: 200291 STRE
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
US-08-986-948-1

```

```

Query Match          100.0%; Score 40; DB 2; Length 38;
Best Local Similarity 100.0%; Pred. No. 0.06;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

```

RESULT 65
US-08-304-585-5
; Sequence 5, Application US/08304585

```

```

; Patent No. 5721106
; GENERAL INFORMATION:
;   APPLICANT:  Maggio, John E.
;   APPLICANT:  Mantyh, Patrick W.
;   TITLE OF INVENTION:  LABELLED BETA-AMYLOID PEPTIDE AND
;   TITLE OF INVENTION:  METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
;   NUMBER OF SEQUENCES:  12
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  Muetting, Raasch, Gebhardt & Schwappach, P.A.
;     STREET:    P.O. Box 581415
;     CITY:      Minneapolis
;     STATE:     MN
;     COUNTRY:   USA
;     ZIP:       55458-1415
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Floppy disk
;     COMPUTER:     IBM PC compatible
;     OPERATING SYSTEM:  PC-DOS/MS-DOS
;     SOFTWARE:     PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/304,585
;     FILING DATE:        12-SEP-1994
;     CLASSIFICATION:     435
;   ATTORNEY/AGENT INFORMATION:
;     NAME:              Muetting, Ann M.
;     REGISTRATION NUMBER: 33,977
;     REFERENCE/DOCKET NUMBER: 110.00010120
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:         612-305-1217
;     TELEFAX:           612-305-1228
;   INFORMATION FOR SEQ ID NO: 5:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 39 amino acids
;       TYPE: amino acid
;       STRANDEDNESS: not relevant
;       TOPOLOGY: not relevant
;     MOLECULE TYPE: peptide
US-08-304-585-5

```

```

Query Match          100.0%; Score 40; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.062;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy          1 KLVFFAED 8
             |||||
Db          15 KLVFFAED 22

```

RESULT 66

US-08-302-808-2

```

; Sequence 2, Application US/08302808
; Patent No. 5750349

```

GENERAL INFORMATION:

```

;   APPLICANT:  SUZUKI, No. 5750349uhiro
;   APPLICANT:  ODAKA, Asano
;   APPLICANT:  KITADA, Chieko
;   TITLE OF INVENTION:  ANTIBODIES TO B-AMYLOIDS OR THEIR

```

```

; TITLE OF INVENTION:  DERIVATIVES AND USE THEREOF
; NUMBER OF SEQUENCES:  14
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE:  DIKE, BRONSTEIN, ROBERTS & CUSHMAN
;   STREET:  130 WATER STREET
;   CITY:  BOSTON
;   STATE:  MA
;   COUNTRY:  USA
;   ZIP:  02019
; COMPUTER READABLE FORM:
;   MEDIUM TYPE:  Diskette
;   COMPUTER:  IBM Compatible
;   OPERATING SYSTEM:  DOS
;   SOFTWARE:  FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER:  US/08/302,808
;   FILING DATE:  15-SEP-1994
;   CLASSIFICATION:  435
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER:  PCT/JP94/00089
;   FILING DATE:  24-JAN-1994
;   APPLICATION NUMBER:  010132/1993
;   FILING DATE:  25-JAN-1993
;   APPLICATION NUMBER:  019035/1993
;   FILING DATE:  05-FEB-1993
;   APPLICATION NUMBER:  286985/1993
;   FILING DATE:  16-NOV-1993
;   APPLICATION NUMBER:  334773/1993
;   FILING DATE:  28-DEC-1993
; ATTORNEY/AGENT INFORMATION:
;   NAME:  DAVID, RESNICK S
;   REGISTRATION NUMBER:  34,235
;   REFERENCE/DOCKET NUMBER:  44631
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE:  617-523-3400
;   TELEFAX:  617-523-6440
;   TELEX:  200291 STRE
; INFORMATION FOR SEQ ID NO:  2:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH:  39 amino acids
;   TYPE:  amino acid
;   STRANDEDNESS:  single
;   TOPOLOGY:  linear
;   MOLECULE TYPE:  peptide
;   HYPOTHETICAL:  NO
;   ANTI-SENSE:  NO
;   FRAGMENT TYPE:  N-terminal
;   ORIGINAL SOURCE:
US-08-302-808-2

```

```

Query Match          100.0%;  Score 40;  DB 1;  Length 39;
Best Local Similarity 100.0%;  Pred. No. 0.062;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
             |||||
Db          16 KLVFFAED 23

```

RESULT 67

US-08-609-090-7

; Sequence 7, Application US/08609090
 ; Patent No. 5840838
 ; GENERAL INFORMATION:
 ; APPLICANT: HENSLEY, Kenneth
 ; APPLICANT: BUTTERFIELD, D. A.
 ; APPLICANT: CARNEY, John M.
 ; APPLICANT: AKSENOV, Michael
 ; TITLE OF INVENTION: A PROCESS FOR ENHANCING THE ACTIVITY OF
 ; TITLE OF INVENTION: AN OLIGOPEPTIDE OR POLYPEPTIDES
 ; NUMBER OF SEQUENCES: 11
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: LOWE PRICE LEBLANC & BECKER
 ; STREET: 99 Canal Center Plaza, Suite 300
 ; CITY: Alexandria
 ; STATE: Virginia
 ; COUNTRY: USA
 ; ZIP: 22314
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/609,090
 ; FILING DATE: 29-FEB-1996
 ; CLASSIFICATION: 530
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kraus, Eric J.
 ; REGISTRATION NUMBER: 36,190
 ; REFERENCE/DOCKET NUMBER: 434-059
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 703-684-1111
 ; TELEFAX: 703-684-1124
 ; INFORMATION FOR SEQ ID NO: 7:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 39 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide

US-08-609-090-7

Query Match 100.0%; Score 40; DB 2; Length 39;
 Best Local Similarity 100.0%; Pred. No. 0.062;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 16 KLVFFAED 23

RESULT 68

US-08-682-245A-1

```

; Sequence 1, Application US/08682245A
; Patent No. 5919631
; GENERAL INFORMATION:
;   APPLICANT: GOYAL, SHEFALI
;   APPLICANT: PAUL, JOSEPH W
;   APPLICANT: RIEDEL, NORBERT G
;   APPLICANT: SAHASRABUDHE, SUDHIR
;   TITLE OF INVENTION: A METHOD OF DETERMINING THE DEGREE OF
;   TITLE OF INVENTION: AGGREGATION OF THE BA4 PEPTIDE
;   NUMBER OF SEQUENCES: 5
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: HOECHST MARION ROUSSEL, INC.
;     STREET: 2110 E. GALBRAITH RD., P.O. BOX 156300
;     CITY: CINCINNATI
;     STATE: OHIO
;     COUNTRY: U.S.A.
;     ZIP: 45215-6300
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/682,245A
;     FILING DATE: 17-JUL-1996
;     CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: US 60/039,414
;     FILING DATE: 16-AUG-1995
;   ATTORNEY/AGENT INFORMATION:
;     NAME: LENTZ, NELSEN L
;     REGISTRATION NUMBER: 38,537
;     REFERENCE/DOCKET NUMBER: HR-1257A
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: 513-948-7369
;     TELEFAX: 513-948-7961 OR 4681
;     TELEX: 214320
;   INFORMATION FOR SEQ ID NO: 1:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 39 amino acids
;       TYPE: amino acid
;       STRANDEDNESS:
;       TOPOLOGY: linear
;     MOLECULE TYPE: protein
US-08-682-245A-1

```

```

Query Match          100.0%;  Score 40;  DB 2;  Length 39;
Best Local Similarity 100.0%;  Pred. No. 0.062;
Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

```

RESULT 69
US-08-986-948-2

```

; Sequence 2, Application US/08986948
; Patent No. 5955317
; GENERAL INFORMATION:
; APPLICANT: SUZUKI, No. 5955317uhiro
; APPLICANT: ODAKA, Asano
; APPLICANT: KITADA, Chieko
; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR
; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02019
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/986,948
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/302,808
; FILING DATE: 15-SEP-1994
; APPLICATION NUMBER: PCT/JP94/00089
; FILING DATE: 24-JAN-1994
; APPLICATION NUMBER: 010132/1993
; FILING DATE: 25-JAN-1993
; APPLICATION NUMBER: 019035/1993
; FILING DATE: 05-FEB-1993
; APPLICATION NUMBER: 286985/1993
; FILING DATE: 16-NOV-1993
; APPLICATION NUMBER: 334773/1993
; FILING DATE: 28-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVID, RESNICK S
; REGISTRATION NUMBER: 34,235
; REFERENCE/DOCKET NUMBER: 44631
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; TELEX: 200291 STRE
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:

US-08-986-948-2

Query Match 100.0%; Score 40; DB 2; Length 39;
Best Local Similarity 100.0%; Pred. No. 0.062;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 70

US-07-744-767A-1

; Sequence 1, Application US/07744767A
; Patent No. 5434050
; GENERAL INFORMATION:
; APPLICANT: Maggio, John E.
; APPLICANT: Mantyh, Patrick W.
; TITLE OF INVENTION: Labelled -Amyloid Peptide and Methods
; TITLE OF INVENTION: for Use in Detecting Alzheimer's Disease
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schwegman, Lundberg & Woessner, P.A.
; STREET: 3500 IDS Center
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/744,767A
; FILING DATE: 13-AUG-1991
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Muetting, Ann M.
; REGISTRATION NUMBER: 33,977
; REFERENCE/DOCKET NUMBER: 600.226-US-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-339-0331
; TELEFAX: 612-339-3061
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-07-744-767A-1

Query Match 100.0%; Score 40; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8

Db |||||
 16 KLVFFAED 23

RESULT 71

US-08-235-400-2

; Sequence 2, Application US/08235400
; Patent No. 5552426
; GENERAL INFORMATION:
; APPLICANT: Lunn, William H.
; APPLICANT: Monn, James A.
; APPLICANT: Zimmerman, Dennis M.
; TITLE OF INVENTION: METHODS FOR TREATING A PHYSIOLOGICAL
; TITLE OF INVENTION: DISORDER ASSOCIATED WITH BETA AMYLOID PEPTIDE
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Eli Lilly and Company
; STREET: Lilly Corporate Center/1104
; CITY: Indianapolis
; STATE: Indiana
; COUNTRY: United States of America
; ZIP: 46285
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/235,400
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Gaylo, Paul J.
; REGISTRATION NUMBER: 36,808
; REFERENCE/DOCKET NUMBER: X-9507
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (317) 276-0756
; TELEFAX: (317) 276-3861
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-235-400-2

Query Match 100.0%; Score 40; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
Db 16 KLVFFAED 23

RESULT 72

US-08-476-464A-2
; Sequence 2, Application US/08476464A
; Patent No. 5707821
; GENERAL INFORMATION:
; APPLICANT: RYDEL, RUSSELL E.
; APPLICANT: DAPPEN, MICHAEL S.
; TITLE OF INVENTION: THERAPEUTIC INHIBITION OF PHOSPHOLIPASE
; TITLE OF INVENTION: A2 IN A-BETA PEPTIDE-MEDIATED NEURODEGENERATIVE
DISEASE
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TOWNSEND & TOWNSEND & CREW LLP
; STREET: TWO EMBARCADERO CENTER, 8TH FLOOR
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: U.S.A.
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,464A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: STORELLA, JOHN R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 15270-002300
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415)326-2400
; TELEFAX: (415)576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-476-464A-2

Query Match 100.0%; Score 40; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 73
US-08-304-585-1
; Sequence 1, Application US/08304585
; Patent No. 5721106
; GENERAL INFORMATION:
; APPLICANT: Maggio, John E.

```

; APPLICANT: Mantyh, Patrick W.
; TITLE OF INVENTION: LABELLED BETA-AMYLOID PEPTIDE AND
; TITLE OF INVENTION: METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Muetting, Raasch, Gebhardt & Schwappach, P.A.
; STREET: P.O. Box 581415
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55458-1415
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/304,585
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Muetting, Ann M.
; REGISTRATION NUMBER: 33,977
; REFERENCE/DOCKET NUMBER: 110.00010120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1217
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
US-08-304-585-1

```

```

Query Match          100.0%;  Score 40;  DB 1;  Length 40;
Best Local Similarity 100.0%;  Pred. No. 0.063;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 74

US-08-302-808-3

; Sequence 3, Application US/08302808

; Patent No. 5750349

; GENERAL INFORMATION:

; APPLICANT: SUZUKI, No. 5750349uhiro

; APPLICANT: ODAKA, Asano

; APPLICANT: KITADA, Chieko

; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR

; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

```

;   ADDRESSEE:  DIKE, BRONSTEIN, ROBERTS & CUSHMAN
;   STREET:  130 WATER STREET
;   CITY:  BOSTON
;   STATE:  MA
;   COUNTRY:  USA
;   ZIP:  02019
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE:  Diskette
;   COMPUTER:  IBM Compatible
;   OPERATING SYSTEM:  DOS
;   SOFTWARE:  FastSEQ Version 1.5
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER:  US/08/302,808
;   FILING DATE:  15-SEP-1994
;   CLASSIFICATION:  435
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER:  PCT/JP94/00089
;   FILING DATE:  24-JAN-1994
;   APPLICATION NUMBER:  010132/1993
;   FILING DATE:  25-JAN-1993
;   APPLICATION NUMBER:  019035/1993
;   FILING DATE:  05-FEB-1993
;   APPLICATION NUMBER:  286985/1993
;   FILING DATE:  16-NOV-1993
;   APPLICATION NUMBER:  334773/1993
;   FILING DATE:  28-DEC-1993
;   ATTORNEY/AGENT INFORMATION:
;   NAME:  DAVID, RESNICK S
;   REGISTRATION NUMBER:  34,235
;   REFERENCE/DOCKET NUMBER:  44631
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE:  617-523-3400
;   TELEFAX:  617-523-6440
;   TELEX:  200291 STRE
;   INFORMATION FOR SEQ ID NO:  3:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH:  40 amino acids
;   TYPE:  amino acid
;   STRANDEDNESS:  single
;   TOPOLOGY:  linear
;   MOLECULE TYPE:  peptide
;   HYPOTHETICAL:  NO
;   ANTI-SENSE:  NO
;   FRAGMENT TYPE:  N-terminal
;   ORIGINAL SOURCE:
US-08-302-808-3

```

```

Query Match          100.0%;  Score 40;  DB 1;  Length 40;
Best Local Similarity 100.0%;  Pred. No. 0.063;
Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 75

US-08-433-734-1

; Sequence 1, Application US/08433734
; Patent No. 5837473
; GENERAL INFORMATION:
; APPLICANT: Maggio, John E.
; APPLICANT: Mantyh, Patrick W.
; TITLE OF INVENTION: Labelled -Amyloid Peptide and Methods
; TITLE OF INVENTION: for Use in Detecting Alzheimer's Disease
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Muetting, Raasch, Gebhardt & Schwappach, P.A.
; STREET: P.O. Box 581415
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55458-1415
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/433,734
; FILING DATE: 03-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Muetting, Ann M.
; REGISTRATION NUMBER: 33,977
; REFERENCE/DOCKET NUMBER: 110.00010102
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1220
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide

US-08-433-734-1

Query Match 100.0%; Score 40; DB 2; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 76

US-08-609-090-8

; Sequence 8, Application US/08609090
; Patent No. 5840838
; GENERAL INFORMATION:
; APPLICANT: HENSLEY, Kenneth
; APPLICANT: BUTTERFIELD, D. A.
; APPLICANT: CARNEY, John M.

```

; APPLICANT: AKSENOV, Michael
; TITLE OF INVENTION: A PROCESS FOR ENHANCING THE ACTIVITY OF
; TITLE OF INVENTION: AN OLIGOPEPTIDE OR POLYPEPTIDES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LOWE PRICE LEBLANC & BECKER
; STREET: 99 Canal Center Plaza, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/609,090
; FILING DATE: 29-FEB-1996
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kraus, Eric J.
; REGISTRATION NUMBER: 36,190
; REFERENCE/DOCKET NUMBER: 434-059
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-684-1111
; TELEFAX: 703-684-1124
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-609-090-8

```

```

Query Match          100.0%; Score 40; DB 2; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 77

US-07-737-371E-69

```

; Sequence 69, Application US/07737371E
; Patent No. 5876948

```

GENERAL INFORMATION:

```

; APPLICANT: Yankner, Bruce A.
; TITLE OF INVENTION: SCREENING METHODS TO IDENTIFY
; TITLE OF INVENTION: NEUROTOXIN INHIBITORS (AS AMENDED)
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street

```

```

; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/737,371E
; FILING DATE: 29-JUL-1991
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/559,172
; FILING DATE: 27-JUL-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 00108/028002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-737-371E-69

```

```

Query Match          100.0%; Score 40; DB 2; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 78

US-08-682-245A-2

```

; Sequence 2, Application US/08682245A
; Patent No. 5919631
; GENERAL INFORMATION:
; APPLICANT: GOYAL, SHEFALI
; APPLICANT: PAUL, JOSEPH W
; APPLICANT: RIEDEL, NORBERT G
; APPLICANT: SAHASRABUDHE, SUDHIR
; TITLE OF INVENTION: A METHOD OF DETERMINING THE DEGREE OF
; TITLE OF INVENTION: AGGREGATION OF THE BA4 PEPTIDE
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOECHST MARION ROUSSEL, INC.
; STREET: 2110 E. GALBRAITH RD., P.O. BOX 156300
; CITY: CINCINNATI

```

```

; STATE: OHIO
; COUNTRY: U.S.A.
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,245A
; FILING DATE: 17-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/039,414
; FILING DATE: 16-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: LENTZ, NELSEN L
; REGISTRATION NUMBER: 38,537
; REFERENCE/DOCKET NUMBER: HR-1257A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513-948-7369
; TELEFAX: 513-948-7961 OR 4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-682-245A-2

```

```

Query Match          100.0%; Score 40; DB 2; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches      8; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

RESULT 79

US-08-986-948-3

```

; Sequence 3, Application US/08986948
; Patent No. 5955317
; GENERAL INFORMATION:
; APPLICANT: SUZUKI, No. 5955317uhiro
; APPLICANT: ODAKA, Asano
; APPLICANT: KITADA, Chieko
; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR
; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MA

```

```

; COUNTRY: USA
; ZIP: 02019
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/986,948
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/302,808
; FILING DATE: 15-SEP-1994
; APPLICATION NUMBER: PCT/JP94/00089
; FILING DATE: 24-JAN-1994
; APPLICATION NUMBER: 010132/1993
; FILING DATE: 25-JAN-1993
; APPLICATION NUMBER: 019035/1993
; FILING DATE: 05-FEB-1993
; APPLICATION NUMBER: 286985/1993
; FILING DATE: 16-NOV-1993
; APPLICATION NUMBER: 334773/1993
; FILING DATE: 28-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVID, RESNICK S
; REGISTRATION NUMBER: 34,235
; REFERENCE/DOCKET NUMBER: 44631
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; TELEX: 200291 STRE
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
US-08-986-948-3

```

```

Query Match          100.0%; Score 40; DB 2; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      16 KLVFFAED 23

```

```

RESULT 80
US-08-461-216-1
; Sequence 1, Application US/08461216

```



```

; Patent No. 5958883
; GENERAL INFORMATION:
;   APPLICANT:  Snow, A.D.
;   TITLE OF INVENTION:  ANIMAL MODELS OF HUMAN AMYLOIDOSES
;   NUMBER OF SEQUENCES:  8
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  Christensen, O'Connor, Johnson and Kindness
;     STREET:  1420 Fifth Avenue, Suite 2800
;     CITY:  Seattle
;     STATE:  Washington
;     COUNTRY:  USA
;     ZIP:  98101-2347
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Diskette-5.25 inch, 1.2Mb storage
;     COMPUTER:  IBM PC/386 Compatible
;     OPERATING SYSTEM:  MS-DOS 4.01
;     SOFTWARE:  Word for Windows-t
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/461,216
;     FILING DATE:
;     CLASSIFICATION:
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER:  07/969,734
;     FILING DATE:  October 23, 1992
;     APPLICATION NUMBER:  07/950,417
;     FILING DATE:  September 23, 1992
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  Broderick, Thomas F.
;     REGISTRATION NUMBER:  31,332
;     REFERENCE/DOCKET NUMBER:  UOFW-1-6707
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  1-206-682-8100; 1-206-224-0709 (direct)
;     TELEFAX:  1-206-224-0779
;     TELEX:  4938023
;   INFORMATION FOR SEQ ID NO:  1:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  40 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  peptide
;     DESCRIPTION:  {SYMBOL 98 \f "Symbol"}/A4(1-40);
;     DESCRIPTION:  FIGURES 23-29
US-08-461-216-1

```

```

Query Match          100.0%;  Score 40;  DB 2;  Length 40;
Best Local Similarity 100.0%;  Pred. No. 0.063;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

```

RESULT 81
US-08-959-148-1
; Sequence 1, Application US/08959148

```

```

; Patent No. 6172277
; GENERAL INFORMATION:
; APPLICANT: Tate, Barbara A.
; APPLICANT: Majocha, Ronald
; APPLICANT: Newton, Julie L.
; TITLE OF INVENTION: NON-TRANSGENIC ANIMAL MODEL OF ALZHEIMER'S DISEASE
; FILE REFERENCE: 04930/022001
; CURRENT APPLICATION NUMBER: US/08/959,148
; CURRENT FILING DATE: 1997-10-28
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
;   LENGTH: 40
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-959-148-1

```

```

Query Match          100.0%;  Score 40;  DB 3;  Length 40;
Best Local Similarity 100.0%;  Pred. No. 0.063;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 82

US-09-242-724-22

```

; Sequence 22, Application US/09242724
; Patent No. 6316405
; GENERAL INFORMATION:
; APPLICANT: Solomon, Michael E.
; APPLICANT: Rich, Daniel H.
; TITLE OF INVENTION: Cyclosporin A Conjugates and Uses Therefor
; FILE REFERENCE: Cyclosporin Analogs
; CURRENT APPLICATION NUMBER: US/09/242,724
; CURRENT FILING DATE: 1999-02-22
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
;   LENGTH: 40
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-242-724-22

```

```

Query Match          100.0%;  Score 40;  DB 4;  Length 40;
Best Local Similarity 100.0%;  Pred. No. 0.063;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 83

US-08-723-661B-1

```

; Sequence 1, Application US/08723661B

```

```

; Patent No. 6340783
; GENERAL INFORMATION:
; APPLICANT: Alan D Snow
; TITLE OF INVENTION: Animal Models of Human Amyloidoses
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patrick M. Dwyer
; STREET: 1818 Westlake Avenue N, Suite 114
; CITY: Seattle
; STATE: WA (Washington)
; COUNTRY: United States of America
; ZIP: 98109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC
; OPERATING SYSTEM: PC-DOS (Windows 98)
; SOFTWARE: WordPerfect 5.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/723,661B
; FILING DATE: 31-Oct-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/461,216
; FILING DATE: 05-Jun-1995
; APPLICATION NUMBER: 07/969,734
; FILING DATE: 23-Oct-1992
; APPLICATION NUMBER: 07/950,417
; FILING DATE: 23-Sep-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Dwyer, Patrick M.
; REGISTRATION NUMBER: 32,411
; REFERENCE/DOCKET NUMBER: PROTEO.P00C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 343-7074
; TELEFAX: (206) 343-7085
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PEPTIDE
; DESCRIPTION: /A4 (1-40); FIGURES 23-29
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-08-723-661B-1

```

```

Query Match          100.0%; Score 40; DB 4; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db     16 KLVFFAED 23

```

```

RESULT 84
US-09-062-365-3
; Sequence 3, Application US/09062365

```

; Patent No. 6465422
; GENERAL INFORMATION:
; APPLICANT: Schmidt, Ann Marie
; APPLICANT: Stern, David
; TITLE OF INVENTION: METHOD FOR INHIBITING TUMOR INVASION OR SPREADING IN A
; TITLE OF INVENTION: SUBJECT
; FILE REFERENCE: 55424
; CURRENT APPLICATION NUMBER: US/09/062,365
; CURRENT FILING DATE: 1998-04-17
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Human
US-09-062-365-3

Query Match 100.0%; Score 40; DB 4; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||
Db 16 KLVFFAED 23

RESULT 85

US-09-133-866-1

; Sequence 1, Application US/09133866
; Patent No. 6600017
; GENERAL INFORMATION:
; APPLICANT: Glabe, Charles
; APPLICANT: Garzon-Rodriguez, William
; TITLE OF INVENTION: FLUORESCENT AMYLOID ABETA PEPTIDES AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 50016/002002
; CURRENT APPLICATION NUMBER: US/09/133,866
; CURRENT FILING DATE: 1998-08-13
; EARLIER APPLICATION NUMBER: 60/055,660
; EARLIER FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-133-866-1

Query Match 100.0%; Score 40; DB 4; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.063;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||
Db 16 KLVFFAED 23

RESULT 86

PCT-US92-06700-1

; Sequence 1, Application PC/TUS9206700

; GENERAL INFORMATION:

; APPLICANT: Mantyh, Patrick W.

; APPLICANT: Maggio, John E.

; TITLE OF INVENTION: Labelled -Amyloid Peptide

; TITLE OF INVENTION: and Alzheimer's Disease Detection

; NUMBER OF SEQUENCES: 2

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Merchant & Gould

; STREET: 3100 Norwest Center

; CITY: Minneapolis

; STATE: Minnesota

; COUNTRY: USA

; ZIP: 55402

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.5 inch, 720 Kb

; COMPUTER: Northgate 386

; OPERATING SYSTEM: DOS 4.0

; SOFTWARE: WordPerfect 5.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: PCT/US92/06700

; FILING DATE: 19920810

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Kowalchuk, Alan W.

; REGISTRATION NUMBER: 31,535

; REFERENCE/DOCKET NUMBER: 600.226-WO-01

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (612) 332-5300

; TELEFAX: (612) 332-9081

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 40 amino acid residues

; TYPE: AMINO ACID

; TOPOLOGY: Linear

; MOLECULE TYPE: Peptide

; FRAGMENT TYPE: Internal Fragment

; ORIGINAL SOURCE: Synthetically Derived

; FEATURE:

; NAME/KEY: Internal fragment of the -

; NAME/KEY: amyloid peptide precursor

; LOCATION: Represents isolated internal

; LOCATION: sequence of 40 amino acid residues from

; LOCATION: the -amyloid peptide precursor

PCT-US92-06700-1

Query Match 100.0%; Score 40; DB 5; Length 40;

Best Local Similarity 100.0%; Pred. No. 0.063;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8

|||||||

Db 16 KLVFFAED 23

RESULT 87

US-08-302-808-4

; Sequence 4, Application US/08302808

; Patent No. 5750349

; GENERAL INFORMATION:

; APPLICANT: SUZUKI, No. 5750349uhiro

; APPLICANT: ODAKA, Asano

; APPLICANT: KITADA, Chieko

; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR

; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN

; STREET: 130 WATER STREET

; CITY: BOSTON

; STATE: MA

; COUNTRY: USA

; ZIP: 02019

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/302,808

; FILING DATE: 15-SEP-1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/JP94/00089

; FILING DATE: 24-JAN-1994

; APPLICATION NUMBER: 010132/1993

; FILING DATE: 25-JAN-1993

; APPLICATION NUMBER: 019035/1993

; FILING DATE: 05-FEB-1993

; APPLICATION NUMBER: 286985/1993

; FILING DATE: 16-NOV-1993

; APPLICATION NUMBER: 334773/1993

; FILING DATE: 28-DEC-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: DAVID, RESNICK S

; REGISTRATION NUMBER: 34,235

; REFERENCE/DOCKET NUMBER: 44631

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 617-523-3400

; TELEFAX: 617-523-6440

; TELEX: 200291 STRE

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 41 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; FRAGMENT TYPE: N-terminal

; ORIGINAL SOURCE:

US-08-302-808-4

Query Match 100.0%; Score 40; DB 1; Length 41;
Best Local Similarity 100.0%; Pred. No. 0.065;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 88

US-08-682-245A-3

; Sequence 3, Application US/08682245A
; Patent No. 5919631
; GENERAL INFORMATION:
; APPLICANT: GOYAL, SHEFALI
; APPLICANT: PAUL, JOSEPH W
; APPLICANT: RIEDEL, NORBERT G
; APPLICANT: SAHASRABUDHE, SUDHIR
; TITLE OF INVENTION: A METHOD OF DETERMINING THE DEGREE OF
; TITLE OF INVENTION: AGGREGATION OF THE BA4 PEPTIDE
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOECHST MARION ROUSSEL, INC.
; STREET: 2110 E. GALBRAITH RD., P.O. BOX 156300
; CITY: CINCINNATI
; STATE: OHIO
; COUNTRY: U.S.A.
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,245A
; FILING DATE: 17-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/039,414
; FILING DATE: 16-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: LENTZ, NELSEN L
; REGISTRATION NUMBER: 38,537
; REFERENCE/DOCKET NUMBER: HR-1257A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513-948-7369
; TELEFAX: 513-948-7961 OR 4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-08-682-245A-3

Query Match 100.0%; Score 40; DB 2; Length 41;
Best Local Similarity 100.0%; Pred. No. 0.065;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 89

US-08-986-948-4

; Sequence 4, Application US/08986948
; Patent No. 5955317
; GENERAL INFORMATION:
; APPLICANT: SUZUKI, No. 5955317uhiro
; APPLICANT: ODAKA, Asano
; APPLICANT: KITADA, Chieko
; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR
; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02019
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/986,948
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/302,808
; FILING DATE: 15-SEP-1994
; APPLICATION NUMBER: PCT/JP94/00089
; FILING DATE: 24-JAN-1994
; APPLICATION NUMBER: 010132/1993
; FILING DATE: 25-JAN-1993
; APPLICATION NUMBER: 019035/1993
; FILING DATE: 05-FEB-1993
; APPLICATION NUMBER: 286985/1993
; FILING DATE: 16-NOV-1993
; APPLICATION NUMBER: 334773/1993
; FILING DATE: 28-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVID, RESNICK S
; REGISTRATION NUMBER: 34,235
; REFERENCE/DOCKET NUMBER: 44631
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400

; TELEFAX: 617-523-6440
; TELEX: 200291 STRE
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 41 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
US-08-986-948-4

Query Match 100.0%; Score 40; DB 2; Length 41;
Best Local Similarity 100.0%; Pred. No. 0.065;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||
Db 16 KLVFFAED 23

RESULT 90

US-07-744-767A-2

; Sequence 2, Application US/07744767A
; Patent No. 5434050
; GENERAL INFORMATION:
; APPLICANT: Maggio, John E.
; APPLICANT: Mantyh, Patrick W.
; TITLE OF INVENTION: Labelled -Amyloid Peptide and Methods
; TITLE OF INVENTION: for Use in Detecting Alzheimer's Disease
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schwegman, Lundberg & Woessner, P.A.
; STREET: 3500 IDS Center
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/744,767A
; FILING DATE: 13-AUG-1991
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Muetting, Ann M.
; REGISTRATION NUMBER: 33,977
; REFERENCE/DOCKET NUMBER: 600.226-US-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-339-0331
; TELEFAX: 612-339-3061

; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-07-744-767A-2

Query Match 100.0%; Score 40; DB 1; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.067;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 91

US-08-179-574-1

; Sequence 1, Application US/08179574
; Patent No. 5506097
; GENERAL INFORMATION:
; APPLICANT: Huntington Potter
; APPLICANT: Usamah Kayyali
; TITLE OF INVENTION: Compounds and Methods for Inhibiting
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/179,574
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/819,361
; FILING DATE: 13-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: HU90-03A3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

US-08-179-574-1

Query Match 100.0%; Score 40; DB 1; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.067;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 92

US-08-271-162-5

; Sequence 5, Application US/08271162
; Patent No. 5523295
; GENERAL INFORMATION:
; APPLICANT: Fasman, Gerald D.
; TITLE OF INVENTION: METHOD FOR TREATING AND PREVENTING
; TITLE OF INVENTION: ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,162
; FILING DATE: July , 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Greer, Helen A.
; REGISTRATION NUMBER: 36,816
; REFERENCE/DOCKET NUMBER: F0437/7000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

US-08-271-162-5

Query Match 100.0%; Score 40; DB 1; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.067;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 93

US-08-347-144-1

```
; Sequence 1, Application US/08347144
; Patent No. 5589154
; GENERAL INFORMATION:
;   APPLICANT:  ANDERSON, STEPHEN
;   TITLE OF INVENTION:  METHODS FOR THE PREVENTION AND TREATMENT
;   TITLE OF INVENTION:  OF VASCULAR HEMORRHAGING AND ALZHEIMER'S DISEASE
;   NUMBER OF SEQUENCES:  1
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  HOWREY & SIMON
;     STREET:  1299 PENNSYLVANIA AVENUE, N.W.
;     CITY:  WASHINGTON
;     STATE:  D.C.
;     COUNTRY:  US
;     ZIP:  20004
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Floppy disk
;     COMPUTER:  IBM PC compatible
;     OPERATING SYSTEM:  PC-DOS/MS-DOS
;     SOFTWARE:  PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/347,144
;     FILING DATE:
;     CLASSIFICATION:  514
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  AUERBACH, JEFFREY I.
;     REGISTRATION NUMBER:  32,680
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  (202) 383-7451
;     TELEFAX:  (202) 383-6610
;   INFORMATION FOR SEQ ID NO:  1:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  42 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  peptide
;     HYPOTHETICAL:  NO
;     FRAGMENT TYPE:  N-terminal
;     ORIGINAL SOURCE:
;       ORGANISM:  AMYLOID PEPTIDE
```

US-08-347-144-1

```
Query Match          100.0%;  Score 40;  DB 1;  Length 42;
Best Local Similarity 100.0%;  Pred. No. 0.067;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;
```

```
Qy          1 KLVFFAED 8
             |||||
Db          16 KLVFFAED 23
```

RESULT 94

US-08-462-859A-19

```
; Sequence 19, Application US/08462859A
```

```

; Patent No. 5652092
; GENERAL INFORMATION:
;   APPLICANT:  Jacobsen, J. S.
;   APPLICANT:  Vitek, M. P.
;   TITLE OF INVENTION:  No. 5652092el Amyloid Precursor and Method of
;   TITLE OF INVENTION:  Using Same to Access Agents Which Down-Regulate
Formation
;   TITLE OF INVENTION:  of B-Amyloid Peptide
;   NUMBER OF SEQUENCES:  19
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE:  American Cyanamid Company
;     STREET:    One Cyanamid Plaza
;     CITY:      Wayne
;     STATE:     New Jersey
;     COUNTRY:   United States
;     ZIP:       07470-8426
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE:  Floppy disk
;     COMPUTER:     IBM PC compatible
;     OPERATING SYSTEM:  PC-DOS/MS-DOS
;     SOFTWARE:     PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER:  US/08/462,859A
;     FILING DATE:       05-JUN-1995
;     CLASSIFICATION:    435
;   ATTORNEY/AGENT INFORMATION:
;     NAME:  Barnhard, Elizabeth M.
;     REGISTRATION NUMBER:  31,088
;     REFERENCE/DOCKET NUMBER:  31,844-04
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE:  (201)831-3246
;     TELEFAX:   (201)831-3305
;   INFORMATION FOR SEQ ID NO:  19:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  42 amino acids
;       TYPE:    amino acid
;       STRANDEDNESS:
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-462-859A-19

```

```

Query Match          100.0%;  Score 40;  DB 1;  Length 42;
Best Local Similarity 100.0%;  Pred. No. 0.067;
Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

```

RESULT 95
US-08-123-659A-19
; Sequence 19, Application US/08123659A
; Patent No. 5656477
; GENERAL INFORMATION:
;   APPLICANT:  Jacobsen, J. S.
;   APPLICANT:  Vitek, M. P.

```

```

; TITLE OF INVENTION: No. 5656477e1 Amyloid Precursor and Method of
; TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate
Formation
; TITLE OF INVENTION: of B-Amyloid Peptide
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Anne Rosenblum
; STREET: 163 Delaware Avenue, Suite 212
; CITY: Delmar
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 12054
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,659A
; FILING DATE: 20-SEP-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rosenblum, Anne M.
; REGISTRATION NUMBER: 30,419
; REFERENCE/DOCKET NUMBER: 31,844-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (518)475-0611
; TELEFAX: (518)475-0619
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-123-659A-19

```

```

Query Match          100.0%; Score 40; DB 1; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.067;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy          1 KLVFFAED 8
             |||||
Db          16 KLVFFAED 23

```

```

RESULT 96
US-08-464-247A-19
; Sequence 19, Application US/08464247A
; Patent No. 5693478
; GENERAL INFORMATION:
; APPLICANT: Jacobsen, J. S.
; APPLICANT: Vitek, M. P.
; TITLE OF INVENTION: No. 5693478e1 Amyloid Precursor and Method of
; TITLE OF INVENTION: Using Same to Access Agents Which Down-Regulate
Formation
; TITLE OF INVENTION: of B-Amyloid Peptide
; NUMBER OF SEQUENCES: 19

```

```

;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE:  American Cyanamid Company
;   STREET:    One Campus Drive
;   CITY:      Parsippany
;   STATE:     New Jersey
;   COUNTRY:   United States
;   ZIP:       07054
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE:  Floppy disk
;   COMPUTER:    IBM PC compatible
;   OPERATING SYSTEM:  PC-DOS/MS-DOS
;   SOFTWARE:    PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER:  US/08/464,247A
;   FILING DATE:    05-JUN-1995
;   CLASSIFICATION:  435
;   ATTORNEY/AGENT INFORMATION:
;   NAME:         Barnhard, Elizabeth M.
;   REGISTRATION NUMBER:  31,088
;   REFERENCE/DOCKET NUMBER:  31,844-03
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE:    201-683-2158
;   TELEFAX:      201-683-4117
;   INFORMATION FOR SEQ ID NO:  19:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH:       42 amino acids
;   TYPE:          amino acid
;   STRANDEDNESS:
;   TOPOLOGY:     linear
;   MOLECULE TYPE:  protein
US-08-464-247A-19

```

```

Query Match          100.0%;  Score 40;  DB 1;  Length 42;
Best Local Similarity 100.0%;  Pred. No. 0.067;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

```

RESULT 97
US-08-464-248A-19
; Sequence 19, Application US/08464248A
; Patent No. 5703209
;   GENERAL INFORMATION:
;   APPLICANT:  Jacobsen, J. S.
;   APPLICANT:  Vitek, M. P.
;   TITLE OF INVENTION:  No. 5703209e1 Amyloid Precursor and Method of
;   TITLE OF INVENTION:  Using Same to Access Agents Which Down-Regulate
Formation
;   TITLE OF INVENTION:  of B-Amyloid Peptide
;   NUMBER OF SEQUENCES:  19
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE:  American Cyanamid Company
;   STREET:     One Cyanamid Plaza
;   CITY:       Wayne

```

```

; STATE: New Jersey
; COUNTRY: United States
; ZIP: 07470-8426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,248A
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Barnhard, Elizabeth M.
; REGISTRATION NUMBER: 31,088
; REFERENCE/DOCKET NUMBER: 31,844-02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201)831-3246
; TELEFAX: (201)831-3305
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-464-248A-19

```

```

Query Match          100.0%; Score 40; DB 1; Length 42;
Best Local Similarity 100.0%; Pred. No. 0.067;
Matches      8; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

```

RESULT 98
US-08-476-464A-1
; Sequence 1, Application US/08476464A
; Patent No. 5707821
; GENERAL INFORMATION:
; APPLICANT: RYDEL, RUSSELL E.
; APPLICANT: DAPPEN, MICHAEL S.
; TITLE OF INVENTION: THERAPEUTIC INHIBITION OF PHOSPHOLIPASE
; TITLE OF INVENTION: A2 IN A-BETA PEPTIDE-MEDIATED NEURODEGENERATIVE
DISEASE
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: TOWNSEND & TOWNSEND & CREW LLP
; STREET: TWO EMBARCADERO CENTER, 8TH FLOOR
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: U.S.A.
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

```



```

;   COMPUTER:  IBM PC compatible
;   OPERATING SYSTEM:  PC-DOS/MS-DOS
;   SOFTWARE:  PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER:  US/08/476,464A
;   FILING DATE:  07-JUN-1995
;   CLASSIFICATION:  514
;   ATTORNEY/AGENT INFORMATION:
;   NAME:  STORELLA, JOHN R.
;   REGISTRATION NUMBER:  32,944
;   REFERENCE/DOCKET NUMBER:  15270-002300
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE:  (415)326-2400
;   TELEFAX:  (415)576-0300
;   INFORMATION FOR SEQ ID NO:  1:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH:  42 amino acids
;   TYPE:  amino acid
;   STRANDEDNESS:
;   TOPOLOGY:  linear
;   MOLECULE TYPE:  peptide
US-08-476-464A-1

```

```

Query Match          100.0%;  Score 40;  DB 1;  Length 42;
Best Local Similarity 100.0%;  Pred. No. 0.067;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 99

US-08-304-585-2

```

; Sequence 2, Application US/08304585
; Patent No. 5721106
;   GENERAL INFORMATION:
;   APPLICANT:  Maggio, John E.
;   APPLICANT:  Mantyh, Patrick W.
;   TITLE OF INVENTION:  LABELLED BETA-AMYLOID PEPTIDE AND
;   TITLE OF INVENTION:  METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
;   NUMBER OF SEQUENCES:  12
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE:  Muetting, Raasch, Gebhardt & Schwappach, P.A.
;   STREET:  P.O. Box 581415
;   CITY:  Minneapolis
;   STATE:  MN
;   COUNTRY:  USA
;   ZIP:  55458-1415
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE:  Floppy disk
;   COMPUTER:  IBM PC compatible
;   OPERATING SYSTEM:  PC-DOS/MS-DOS
;   SOFTWARE:  PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER:  US/08/304,585
;   FILING DATE:  12-SEP-1994

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; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Muetting, Ann M.
; REGISTRATION NUMBER: 33,977
; REFERENCE/DOCKET NUMBER: 110.00010120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1217
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
US-08-304-585-2

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Best Local Similarity 100.0%; Pred. No. 0.067;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 16 KLVFFAED 23

RESULT 100

US-08-302-808-5

; Sequence 5, Application US/08302808
; Patent No. 5750349
; GENERAL INFORMATION:
; APPLICANT: SUZUKI, No. 5750349uhiro
; APPLICANT: ODAKA, Asano
; APPLICANT: KITADA, Chieko
; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR
; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02019
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/302,808
; FILING DATE: 15-SEP-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP94/00089
; FILING DATE: 24-JAN-1994
; APPLICATION NUMBER: 010132/1993

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; FILING DATE: 25-JAN-1993
; APPLICATION NUMBER: 019035/1993
; FILING DATE: 05-FEB-1993
; APPLICATION NUMBER: 286985/1993
; FILING DATE: 16-NOV-1993
; APPLICATION NUMBER: 334773/1993
; FILING DATE: 28-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVID, RESNICK S
; REGISTRATION NUMBER: 34,235
; REFERENCE/DOCKET NUMBER: 44631
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; TELEX: 200291 STRE
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; ANTI-SENSE: NO
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Job time : 50.5 secs

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OM protein - protein search, using sw model

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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 809742 seqs, 211153259 residues

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Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
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Listing first 1000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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276	40	100.0	770	14	US-10-050-898-218	Sequence 218, App
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291	36	90.0	42	14	US-10-217-584-9	Sequence 9, Appli
292	36	90.0	100	15	US-10-275-025-6	Sequence 6, Appli
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295	35	87.5	15	14	US-10-235-483-59	Sequence 59, Appl
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299	34	85.0	15	14	US-10-235-483-60	Sequence 60, Appl
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302	34	85.0	321	11	US-09-906-179A-75	Sequence 75, Appl
303	33	82.5	9	14	US-10-235-483-50	Sequence 50, Appl
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310	31	77.5	7	10	US-09-747-408-19	Sequence 19, Appl
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316	31	77.5	391	15	US-10-108-260A-3661	Sequence 3661, Ap
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323	30	75.0	370	14	US-10-318-142-4	Sequence 4, Appli
324	30	75.0	370	14	US-10-318-142-24	Sequence 24, Appl
325	30	75.0	370	14	US-10-225-567A-611	Sequence 611, App
326	30	75.0	370	14	US-10-272-983-26	Sequence 26, Appl
327	30	75.0	370	14	US-10-393-807-26	Sequence 26, Appl
328	30	75.0	370	15	US-10-417-820A-28	Sequence 28, Appl
329	30	75.0	370	15	US-10-292-798-886	Sequence 886, App
330	30	75.0	379	14	US-10-073-885-79	Sequence 79, Appl
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332	30	75.0	1353	9	US-09-751-100B-2	Sequence 2, Appli
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347	29	72.5	7	15	US-10-463-729-7	Sequence 7, Appli
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350	29	72.5	8	15	US-10-463-729-5	Sequence 5, Appli
351	29	72.5	9	9	US-09-867-847-9	Sequence 9, Appli
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354	29	72.5	12	9	US-09-867-847-8	Sequence 8, Appli
355	29	72.5	81	10	US-09-764-891-4983	Sequence 4983, Ap
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358	29	72.5	143	10	US-09-974-879-567	Sequence 567, App
359	29	72.5	143	10	US-09-305-736-519	Sequence 519, App
360	29	72.5	143	11	US-09-818-683-519	Sequence 519, App
361	29	72.5	143	14	US-10-029-386-32687	Sequence 32687, A
362	29	72.5	189	9	US-09-864-761-35104	Sequence 35104, A
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365	29	72.5	446	9	US-09-864-761-37011	Sequence 37011, A
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368	29	72.5	806	14	US-10-199-869-6	Sequence 6, Appli
369	29	72.5	807	15	US-10-108-260A-4086	Sequence 4086, Ap
370	29	72.5	854	14	US-10-199-869-5	Sequence 5, Appli
371	28	70.0	149	14	US-10-410-681-6	Sequence 6, Appli
372	28	70.0	193	13	US-10-126-099-7	Sequence 7, Appli
373	28	70.0	383	14	US-10-410-681-8	Sequence 8, Appli
374	28	70.0	402	15	US-10-369-493-9053	Sequence 9053, Ap
375	28	70.0	417	16	US-10-389-566-1841	Sequence 1841, Ap
376	28	70.0	495	15	US-10-369-493-7895	Sequence 7895, Ap
377	28	70.0	750	14	US-10-410-681-12	Sequence 12, Appl
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379	28	70.0	755	14	US-10-410-681-4	Sequence 4, Appli
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389	27	67.5	42	10	US-09-966-262-289	Sequence 289, App
390	27	67.5	42	10	US-09-983-966-289	Sequence 289, App
391	27	67.5	42	14	US-10-143-090-289	Sequence 289, App
392	27	67.5	64	14	US-10-083-357-722	Sequence 722, App
393	27	67.5	71	15	US-10-291-265-765	Sequence 765, App
394	27	67.5	116	14	US-10-078-770-196	Sequence 196, App
395	27	67.5	120	9	US-09-764-877-1867	Sequence 1867, Ap
396	27	67.5	120	15	US-10-242-515-1867	Sequence 1867, Ap
397	27	67.5	141	9	US-09-764-870-283	Sequence 283, App
398	27	67.5	141	14	US-10-125-540-283	Sequence 283, App

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403	27	67.5	193	14	US-10-143-090-294	Sequence 294, App
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438	27	67.5	909	14	US-10-078-770-190	Sequence 190, App
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ALIGNMENTS

RESULT 1

US-10-235-483-1

; Sequence 1, Application US/10235483

; Publication No. US20030087407A1

; GENERAL INFORMATION:

; APPLICANT: SOTO-JARA, Claudio

; BAUMANN, Marc

; FRANGIONE, Blas

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR
DISEASES

; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR
AMYLOID-LIKE

; DEPOSITS

; NUMBER OF SEQUENCES: 69

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BROWDY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 400

; CITY: Washington

; STATE: D.C.

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;          COUNTRY: USA
;          ZIP: 20004
;    COMPUTER READABLE FORM:
;          MEDIUM TYPE: Floppy disk
;          COMPUTER: IBM PC compatible
;          OPERATING SYSTEM: PC-DOS/MS-DOS
;          SOFTWARE: PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;          APPLICATION NUMBER: US/10/235,483
;          FILING DATE: 06-Sep-2002
;          CLASSIFICATION: <Unknown>
;    PRIOR APPLICATION DATA:
;          APPLICATION NUMBER: US/08/766,596
;          FILING DATE: <Unknown>
;          APPLICATION NUMBER: US 08/630,645
;          FILING DATE: 10-APR-1996
;          APPLICATION NUMBER: US 08/478,326
;          FILING DATE: 06-JUN-1995
;    ATTORNEY/AGENT INFORMATION:
;          NAME: YUN, Allen C.
;          REGISTRATION NUMBER: 37,971
;          REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
;    TELECOMMUNICATION INFORMATION:
;          TELEPHONE: 202-628-5197
;          TELEFAX: 202-737-3528
;    INFORMATION FOR SEQ ID NO: 1:
;      SEQUENCE CHARACTERISTICS:
;        LENGTH: 8 amino acids
;        TYPE: amino acid
;        STRANDEDNESS: single
;        TOPOLOGY: linear
;      MOLECULE TYPE: peptide
;      SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-235-483-1

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Query Match          100.0%;  Score 40;  DB 14;  Length 8;
Best Local Similarity 100.0%;  Pred. No. 7.1e+05;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

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; Patent No. US20020162129A1
; GENERAL INFORMATION:
; APPLICANT: LANNFELT, Lars
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF ALZHEIMER'S DISEASE
; FILE REFERENCE: LANNFELT=1A
; CURRENT APPLICATION NUMBER: US/09/899,815
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/217,098
; PRIOR FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: EP 00202387.7

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; PRIOR FILING DATE: 2000-07-07
; NUMBER OF SEQ ID NOS: 4
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; ORGANISM: Artificial Sequence
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; OTHER INFORMATION: synthetic peptide (16-24 of SEQ ID NO:1)
US-09-899-815-2

Query Match 100.0%; Score 40; DB 9; Length 9;
Best Local Similarity 100.0%; Pred. No. 7.1e+05;
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Db 1 KLVFFAED 8

RESULT 3

US-10-235-483-64

; Sequence 64, Application US/10235483
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; GENERAL INFORMATION:
; APPLICANT: SOTO-JARA, Claudio
; BAUMANN, Marc
; FRANGIONE, Blas
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DISEASES
; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR
AMYLOID-LIKE
; DEPOSITS
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 400
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/235,483
; FILING DATE: 06-Sep-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,596
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/630,645
; FILING DATE: 10-APR-1996
; APPLICATION NUMBER: US 08/478,326


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;          FILING DATE: 06-JUN-1995
;    ATTORNEY/AGENT INFORMATION:
;          NAME: YUN, Allen C.
;          REGISTRATION NUMBER: 37,971
;          REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
;    TELECOMMUNICATION INFORMATION:
;          TELEPHONE: 202-628-5197
;          TELEFAX: 202-737-3528
;    INFORMATION FOR SEQ ID NO: 64:
;      SEQUENCE CHARACTERISTICS:
;        LENGTH: 9 amino acids
;        TYPE: amino acid
;        STRANDEDNESS: single
;        TOPOLOGY: linear
;      MOLECULE TYPE: peptide
;      SEQUENCE DESCRIPTION: SEQ ID NO: 64:
US-10-235-483-64

```

```

Query Match          100.0%;  Score 40;  DB 14;  Length 9;
Best Local Similarity 100.0%;  Pred. No. 7.1e+05;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
             |||||
Db          2 KLVFFAED 9

```

RESULT 4

```

US-09-988-842-9
; Sequence 9, Application US/09988842
; Patent No. US20020143105A1
; GENERAL INFORMATION:
;  APPLICANT: Johansson, Jan
;  TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION
;  TITLE OF INVENTION: OF AMYLOID FORMATION
;  FILE REFERENCE: 12125-002001
;  CURRENT APPLICATION NUMBER: US/09/988,842
;  CURRENT FILING DATE: 2001-11-19
;  PRIOR APPLICATION NUMBER: US 60/251,662
;  PRIOR FILING DATE: 2000-12-06
;  PRIOR APPLICATION NUMBER: US 60/253,695
;  PRIOR FILING DATE: 2000-11-20
;  NUMBER OF SEQ ID NOS: 26
;  SOFTWARE: FastSEQ for Windows Version 4.0
;  SEQ ID NO 9
;    LENGTH: 11
;    TYPE: PRT
;    ORGANISM: Artificial Sequence
;    FEATURE:
;    OTHER INFORMATION: Synthetically generated peptide
US-09-988-842-9

```

```

Query Match          100.0%;  Score 40;  DB 9;  Length 11;
Best Local Similarity 100.0%;  Pred. No. 0.059;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8

```

Db |||||
2 KLVFFAED 9

RESULT 5

US-09-988-842-25

; Sequence 25, Application US/09988842
; Patent No. US20020143105A1
; GENERAL INFORMATION:
; APPLICANT: Johansson, Jan
; TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION
; TITLE OF INVENTION: OF AMYLOID FORMATION
; FILE REFERENCE: 12125-002001
; CURRENT APPLICATION NUMBER: US/09/988,842
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: US 60/251,662
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: US 60/253,695
; PRIOR FILING DATE: 2000-11-20
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated peptide
US-09-988-842-25

Query Match 100.0%; Score 40; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 0.059;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
Db 2 KLVFFAED 9

RESULT 6

US-10-235-483-14

; Sequence 14, Application US/10235483
; Publication No. US20030087407A1
; GENERAL INFORMATION:
; APPLICANT: SOTO-JARA, Claudio
; BAUMANN, Marc
; FRANGIONE, Blas
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR
DISEASES
; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR
AMYLOID-LIKE
; DEPOSITS
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 400
; CITY: Washington

```

;          STATE: D.C.
;          COUNTRY: USA
;          ZIP: 20004
;    COMPUTER READABLE FORM:
;          MEDIUM TYPE: Floppy disk
;          COMPUTER: IBM PC compatible
;          OPERATING SYSTEM: PC-DOS/MS-DOS
;          SOFTWARE: PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;          APPLICATION NUMBER: US/10/235,483
;          FILING DATE: 06-Sep-2002
;          CLASSIFICATION: <Unknown>
;    PRIOR APPLICATION DATA:
;          APPLICATION NUMBER: US/08/766,596
;          FILING DATE: <Unknown>
;          APPLICATION NUMBER: US 08/630,645
;          FILING DATE: 10-APR-1996
;          APPLICATION NUMBER: US 08/478,326
;          FILING DATE: 06-JUN-1995
;    ATTORNEY/AGENT INFORMATION:
;          NAME: YUN, Allen C.
;          REGISTRATION NUMBER: 37,971
;          REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
;    TELECOMMUNICATION INFORMATION:
;          TELEPHONE: 202-628-5197
;          TELEFAX: 202-737-3528
;    INFORMATION FOR SEQ ID NO: 14:
;          SEQUENCE CHARACTERISTICS:
;            LENGTH: 11 amino acids
;            TYPE: amino acid
;            STRANDEDNESS: single
;            TOPOLOGY: linear
;          MOLECULE TYPE: peptide
;          SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-235-483-14

```

```

Query Match          100.0%;  Score 40;  DB 14;  Length 11;
Best Local Similarity 100.0%;  Pred. No. 0.059;
Matches      8;  Conservative  0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
             |||||
Db          2 KLVFFAED 9

```

```

RESULT 7
US-10-281-458-1
; Sequence 1, Application US/10281458
; Publication No. US20030108978A1
; GENERAL INFORMATION:
;  APPLICANT: Ciambrone, Gary J.
;  APPLICANT: Gibbons, Ian
;  TITLE OF INVENTION: Whole Cell Assay Systems for Cell
;  TITLE OF INVENTION: Surface Proteases
;  FILE REFERENCE: 50225-8093.US03
;  CURRENT APPLICATION NUMBER: US/10/281,458
;  CURRENT FILING DATE: 2002-10-25

```

; PRIOR APPLICATION NUMBER: US 60/337,641
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 09/924,692
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 13
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-281-458-1

Query Match 100.0%; Score 40; DB 14; Length 13;
Best Local Similarity 100.0%; Pred. No. 0.071;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 6 KLVFFAED 13

RESULT 8

US-09-992-800-5

; Sequence 5, Application US/09992800
; Patent No. US20020102261A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2006
; CURRENT APPLICATION NUMBER: US/09/992,800
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-992-800-5

Query Match 100.0%; Score 40; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.077;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 4 KLVFFAED 11

RESULT 9

US-09-992-994-5

; Sequence 5, Application US/09992994
; Patent No. US20020136718A1
; GENERAL INFORMATION:

```

; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2005
; CURRENT APPLICATION NUMBER: US/09/992,994
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-992-994-5

```

```

Query Match          100.0%; Score 40; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.077;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      4 KLVFFAED 11

```

RESULT 10

US-10-385-065-5

```

; Sequence 5, Application US/10385065
; Publication No. US20030235897A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2004
; CURRENT APPLICATION NUMBER: US/10/385,065
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: US/09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-385-065-5

```

```

Query Match          100.0%; Score 40; DB 15; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.077;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      4 KLVFFAED 11

```

RESULT 11
 US-09-972-475-14
 ; Sequence 14, Application US/09972475
 ; Patent No. US20020098173A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Findeis, Mark A. et al.
 ; TITLE OF INVENTION: Modulators of Amyloid Aggregation
 ; NUMBER OF SEQUENCES: 45
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: LAHIVE & COCKFIELD, LLP
 ; STREET: 28 State Street
 ; CITY: Boston
 ; STATE: Massachusetts
 ; COUNTRY: USA
 ; ZIP: 02109-1875
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/972,475
 ; FILING DATE: 04-Oct-2001
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/617,267
 ; FILING DATE: <Unknown>
 ; APPLICATION NUMBER: USSN 08/475,579
 ; FILING DATE: 07-JUN-1995
 ; APPLICATION NUMBER: USSN 08/548,998
 ; FILING DATE: 27-OCT-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: DeConti, Giulio A.
 ; REGISTRATION NUMBER: 31,503
 ; REFERENCE/DOCKET NUMBER: PPI-002CP2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (617)227-7400
 ; TELEFAX: (617)227-5941
 ; INFORMATION FOR SEQ ID NO: 14:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; FRAGMENT TYPE: internal
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
 US-09-972-475-14

Query Match 100.0%; Score 40; DB 9; Length 15;
 Best Local Similarity 100.0%; Pred. No. 0.082;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KLVFFAED 8
 |||||
 Db 1 KLVFFAED 8

RESULT 12

US-09-996-357-9
; Sequence 9, Application US/09996357
; Patent No. US20020133001A1
; GENERAL INFORMATION:
; APPLICANT: Gefter, Malcolm L
; APPLICANT: Isreal, David I
; APPLICANT: Joyal, John L
; APPLICANT: Gosselin, Michael
; TITLE OF INVENTION: THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR
; TITLE OF INVENTION: TREATING AN AMYLOIDOGENIC DISEASE
; FILE REFERENCE: PPI-105
; CURRENT APPLICATION NUMBER: US/09/996,357
; CURRENT FILING DATE: 2001-11-27
; PRIOR APPLICATION NUMBER: 60/253,302
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/250,198
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/257,186
; PRIOR FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-996-357-9

Query Match 100.0%; Score 40; DB 9; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.082;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 1 KLVFFAED 8

RESULT 13

US-10-235-483-56

; Sequence 56, Application US/10235483
; Publication No. US20030087407A1
; GENERAL INFORMATION:
; APPLICANT: SOTO-JARA, Claudio
; BAUMANN, Marc
; FRANGIONE, Blas
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR
DISEASES
; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR
AMYLOID-LIKE
; DEPOSITS
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 400
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA

```

;           ZIP: 20004
;
;   COMPUTER READABLE FORM:
;           MEDIUM TYPE: Floppy disk
;           COMPUTER: IBM PC compatible
;           OPERATING SYSTEM: PC-DOS/MS-DOS
;           SOFTWARE: PatentIn Release #1.0, Version #1.30
;
;   CURRENT APPLICATION DATA:
;           APPLICATION NUMBER: US/10/235,483
;           FILING DATE: 06-Sep-2002
;           CLASSIFICATION: <Unknown>
;
;   PRIOR APPLICATION DATA:
;           APPLICATION NUMBER: US/08/766,596
;           FILING DATE: <Unknown>
;           APPLICATION NUMBER: US 08/630,645
;           FILING DATE: 10-APR-1996
;           APPLICATION NUMBER: US 08/478,326
;           FILING DATE: 06-JUN-1995
;
;   ATTORNEY/AGENT INFORMATION:
;           NAME: YUN, Allen C.
;           REGISTRATION NUMBER: 37,971
;           REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
;
;   TELECOMMUNICATION INFORMATION:
;           TELEPHONE: 202-628-5197
;           TELEFAX: 202-737-3528
;
;   INFORMATION FOR SEQ ID NO: 56:
;           SEQUENCE CHARACTERISTICS:
;           LENGTH: 15 amino acids
;           TYPE: amino acid
;           STRANDEDNESS: single
;           TOPOLOGY: linear
;           MOLECULE TYPE: peptide
;           SEQUENCE DESCRIPTION: SEQ ID NO: 56:
US-10-235-483-56

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```

Query Match          100.0%;  Score 40;  DB 14;  Length 15;
Best Local Similarity 100.0%;  Pred. No. 0.082;
Matches      8;  Conservative    0;  Mismatches    0;  Indels      0;  Gaps      0;

```

```

Qy          1 KLVFFAED 8
             |||||
Db          5 KLVFFAED 12

```

RESULT 14

US-10-235-483-57

; Sequence 57, Application US/10235483

; Publication No. US20030087407A1

; GENERAL INFORMATION:

; APPLICANT: SOTO-JARA, Claudio

; BAUMANN, Marc

; FRANGIONE, Blas

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR
DISEASES

; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR

AMYLOID-LIKE

; DEPOSITS


```

;      NUMBER OF SEQUENCES: 69
;      CORRESPONDENCE ADDRESS:
;          ADDRESSEE: BROWDY AND NEIMARK
;          STREET: 419 Seventh Street, N.W., Suite 400
;          CITY: Washington
;          STATE: D.C.
;          COUNTRY: USA
;          ZIP: 20004
;      COMPUTER READABLE FORM:
;          MEDIUM TYPE: Floppy disk
;          COMPUTER: IBM PC compatible
;          OPERATING SYSTEM: PC-DOS/MS-DOS
;          SOFTWARE: PatentIn Release #1.0, Version #1.30
;      CURRENT APPLICATION DATA:
;          APPLICATION NUMBER: US/10/235,483
;          FILING DATE: 06-Sep-2002
;          CLASSIFICATION: <Unknown>
;      PRIOR APPLICATION DATA:
;          APPLICATION NUMBER: US/08/766,596
;          FILING DATE: <Unknown>
;          APPLICATION NUMBER: US 08/630,645
;          FILING DATE: 10-APR-1996
;          APPLICATION NUMBER: US 08/478,326
;          FILING DATE: 06-JUN-1995
;      ATTORNEY/AGENT INFORMATION:
;          NAME: YUN, Allen C.
;          REGISTRATION NUMBER: 37,971
;          REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
;      TELECOMMUNICATION INFORMATION:
;          TELEPHONE: 202-628-5197
;          TELEFAX: 202-737-3528
;      INFORMATION FOR SEQ ID NO: 57:
;          SEQUENCE CHARACTERISTICS:
;              LENGTH: 15 amino acids
;              TYPE: amino acid
;              STRANDEDNESS: single
;              TOPOLOGY: linear
;          MOLECULE TYPE: peptide
;          SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-10-235-483-57

```

```

Query Match          100.0%;  Score 40;  DB 14;  Length 15;
Best Local Similarity 100.0%;  Pred. No. 0.082;
Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      5 KLVFFAED 12

```

RESULT 15

US-10-235-483-58

; Sequence 58, Application US/10235483

; Publication No. US20030087407A1

; GENERAL INFORMATION:

; APPLICANT: SOTO-JARA, Claudio

; BAUMANN, Marc

```

;          FRANGIONE, Blas
;  TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
;                      COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR
DISEASES
;                      ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR
AMYLOID-LIKE
;                      DEPOSITS
;  NUMBER OF SEQUENCES: 69
;  CORRESPONDENCE ADDRESS:
;      ADDRESSEE: BROWDY AND NEIMARK
;      STREET: 419 Seventh Street, N.W., Suite 400
;      CITY: Washington
;      STATE: D.C.
;      COUNTRY: USA
;      ZIP: 20004
;  COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: PatentIn Release #1.0, Version #1.30
;  CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/10/235,483
;      FILING DATE: 06-Sep-2002
;      CLASSIFICATION: <Unknown>
;  PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: US/08/766,596
;      FILING DATE: <Unknown>
;      APPLICATION NUMBER: US 08/630,645
;      FILING DATE: 10-APR-1996
;      APPLICATION NUMBER: US 08/478,326
;      FILING DATE: 06-JUN-1995
;  ATTORNEY/AGENT INFORMATION:
;      NAME: YUN, Allen C.
;      REGISTRATION NUMBER: 37,971
;      REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
;  TELECOMMUNICATION INFORMATION:
;      TELEPHONE: 202-628-5197
;      TELEFAX: 202-737-3528
;  INFORMATION FOR SEQ ID NO: 58:
;      SEQUENCE CHARACTERISTICS:
;          LENGTH: 15 amino acids
;          TYPE: amino acid
;          STRANDEDNESS: single
;          TOPOLOGY: linear
;      MOLECULE TYPE: peptide
;      SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-10-235-483-58

```

```

Query Match          100.0%;  Score 40;  DB 14;  Length 15;
Best Local Similarity 100.0%;  Pred. No. 0.082;
Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

```

```

Qy      1 KLVFFAED 8
        |||||
Db      5 KLVFFAED 12

```

RESULT 16
 US-10-235-483-63
 ; Sequence 63, Application US/10235483
 ; Publication No. US20030087407A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SOTO-JARA, Claudio
 ; BAUMANN, Marc
 ; FRANGIONE, Blas
 ; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL
 ; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR
 DISEASES
 ; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR
 AMYLOID-LIKE
 ; DEPOSITS
 ; NUMBER OF SEQUENCES: 69
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: BROWDY AND NEIMARK
 ; STREET: 419 Seventh Street, N.W., Suite 400
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20004
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/10/235,483
 ; FILING DATE: 06-Sep-2002
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/766,596
 ; FILING DATE: <Unknown>
 ; APPLICATION NUMBER: US 08/630,645
 ; FILING DATE: 10-APR-1996
 ; APPLICATION NUMBER: US 08/478,326
 ; FILING DATE: 06-JUN-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: YUN, Allen C.
 ; REGISTRATION NUMBER: 37,971
 ; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-628-5197
 ; TELEFAX: 202-737-3528
 ; INFORMATION FOR SEQ ID NO: 63:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 63:
 US-10-235-483-63

Query Match 100.0%; Score 40; DB 14; Length 15;
 Best Local Similarity 100.0%; Pred. No. 0.082;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 5 KLVFFAED 12

RESULT 17

US-10-235-483-65

; Sequence 65, Application US/10235483

; Publication No. US20030087407A1

; GENERAL INFORMATION:

; APPLICANT: SOTO-JARA, Claudio

; BAUMANN, Marc

; FRANGIONE, Blas

; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL

; COMPOSITIONS THEREOF FOR TREATMENT OF DISORDERS OR
 DISEASES

; ASSOCIATED WITH PROTEIN FOLDING INTO AMYLOID OR
 AMYLOID-LIKE

; DEPOSITS

; NUMBER OF SEQUENCES: 69

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BROWDY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 400

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20004

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/235,483

; FILING DATE: 06-Sep-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/766,596

; FILING DATE: <Unknown>

; APPLICATION NUMBER: US 08/630,645

; FILING DATE: 10-APR-1996

; APPLICATION NUMBER: US 08/478,326

; FILING DATE: 06-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: YUN, Allen C.

; REGISTRATION NUMBER: 37,971

; REFERENCE/DOCKET NUMBER: SOTO-JARA=1A

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 202-628-5197

; TELEFAX: 202-737-3528

; INFORMATION FOR SEQ ID NO: 65:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 65:
US-10-235-483-65

Query Match 100.0%; Score 40; DB 14; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.082;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
| | | | | | | |
Db 5 KLVFFAED 12

RESULT 18

US-10-463-729-14

; Sequence 14, Application US/10463729

; Publication No. US20040005307A1

; GENERAL INFORMATION:

; APPLICANT: Findeis, Mark A. et al.

; TITLE OF INVENTION: Modulators of Amyloid Aggregation

; NUMBER OF SEQUENCES: 45

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: LAHIVE & COCKFIELD, LLP

; STREET: 28 State Street

; CITY: Boston

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02109-1875

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/463,729

; FILING DATE: 17-JUNE-2003

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/617,267C

; FILING DATE: 14-MAR-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/404,831

; FILING DATE: 14-MAR-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/475,579

; FILING DATE: 07-JUN-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/548,998

; FILING DATE: 27-OCT-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: DeConti, Giulio A.

; REGISTRATION NUMBER: 31,503

; REFERENCE/DOCKET NUMBER: PPI-002CP2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (617)227-7400

; TELEFAX: (617)227-5941

; INFORMATION FOR SEQ ID NO: 14:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-10-463-729-14

Query Match 100.0%; Score 40; DB 15; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.082;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 1 KLVFFAED 8

RESULT 19

US-09-992-800-3
; Sequence 3, Application US/09992800
; Patent No. US20020102261A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2006
; CURRENT APPLICATION NUMBER: US/09/992,800
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-992-800-3

Query Match 100.0%; Score 40; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 0.094;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 8 KLVFFAED 15

RESULT 20

US-09-992-994-3
; Sequence 3, Application US/09992994
; Patent No. US20020136718A1
; GENERAL INFORMATION:
; APPLICANT: Raso, Victor
; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
; FILE REFERENCE: BBRI-2005
; CURRENT APPLICATION NUMBER: US/09/992,994

; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/594,366
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/139,408
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-992-994-3

Query Match 100.0%; Score 40; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 0.094;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
| | | | | | |
Db 8 KLVFFAED 15

RESULT 21

US-09-998-491-8
; Sequence 8, Application US/09998491
; Publication No. US20030166529A1
; GENERAL INFORMATION:
; APPLICANT: Mileusnic, Radmilla
; APPLICANT: Rose, Stephen Peter Russell
; TITLE OF INVENTION: Polypeptides and their Uses
; FILE REFERENCE: 3578-120
; CURRENT APPLICATION NUMBER: US/09/998,491
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: GB 0109558.7
; PRIOR FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: GB 0120084
; PRIOR FILING DATE: 2001-08-07
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 17-mer polypeptide
US-09-998-491-8

Query Match 100.0%; Score 40; DB 10; Length 17;
Best Local Similarity 100.0%; Pred. No. 0.094;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
| | | | | | |
Db 5 KLVFFAED 12

RESULT 22

US-10-385-065-3
 ; Sequence 3, Application US/10385065
 ; Publication No. US20030235897A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Raso, Victor
 ; TITLE OF INVENTION: IMMUNOLOGICAL CONTROL OF BETA-AMYLOID LEVELS IN VIVO
 ; FILE REFERENCE: BBRI-2004
 ; CURRENT APPLICATION NUMBER: US/10/385,065
 ; CURRENT FILING DATE: 2003-03-10
 ; PRIOR APPLICATION NUMBER: US/09/594,366
 ; PRIOR FILING DATE: 2000-06-15
 ; PRIOR APPLICATION NUMBER: 60/139,408
 ; PRIOR FILING DATE: 1999-06-16
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 3
 ; LENGTH: 17
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-385-065-3

Query Match 100.0%; Score 40; DB 15; Length 17;
 Best Local Similarity 100.0%; Pred. No. 0.094;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 8 KLVFFAED 15

RESULT 23

US-09-825-242-5
 ; Sequence 5, Application US/09825242
 ; Publication No. US20030092000A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Schenk, Dale B.
 ; APPLICANT: Neuralab Limited
 ; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
 ; FILE REFERENCE: 15270J-004720US
 ; CURRENT APPLICATION NUMBER: US/09/825,242
 ; CURRENT FILING DATE: 2001-04-02
 ; PRIOR APPLICATION NUMBER: 09/201,430
 ; PRIOR FILING DATE: 1998-11-30
 ; PRIOR APPLICATION NUMBER: US 60/080,970
 ; PRIOR FILING DATE: 1998-04-07
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 5
 ; LENGTH: 19
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:Abeta13-28
 ; OTHER INFORMATION: peptide with carboxyl terminal Cys residue
 ; OTHER INFORMATION: inserted and two added Gly residues
 ; NAME/KEY: MOD_RES
 ; LOCATION: (1)

; OTHER INFORMATION: Xaa = acetyl histidine
US-09-825-242-5

Query Match 100.0%; Score 40; DB 10; Length 19;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 4 KLVFFAED 11

RESULT 24

US-09-792-079-11

; Sequence 11, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersh, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment
Of Alzheimer's
; TITLE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0261
; CURRENT APPLICATION NUMBER: US/09/792,079
; CURRENT FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-792-079-11

Query Match 100.0%; Score 40; DB 10; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 2 KLVFFAED 9

RESULT 25

US-10-159-279-11

; Sequence 11, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersh, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment
Of Alzheimer's
; TITLE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0298

; CURRENT APPLICATION NUMBER: US/10/159,279
 ; CURRENT FILING DATE: 2002-06-03
 ; PRIOR APPLICATION NUMBER: 60/184,826
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: 09/792,079
 ; PRIOR FILING DATE: 2001-02-26
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 11
 ; LENGTH: 26
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-159-279-11

Query Match 100.0%; Score 40; DB 14; Length 26;
 Best Local Similarity 100.0%; Pred. No. 0.15;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 2 KLVFFAED 9

RESULT 26

US-09-867-847-4

; Sequence 4, Application US/09867847
 ; Patent No. US20020094335A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Chalifour, Robert
 ; APPLICANT: Hebert, Lise
 ; APPLICANT: Kong, Xianqi
 ; APPLICANT: Gervais, Francine
 ; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
 ; TITLE OF INVENTION: AND AMYLOID RELATED DISEASES
 ; FILE REFERENCE: 14445-501 CIP
 ; CURRENT APPLICATION NUMBER: US/09/867,847
 ; CURRENT FILING DATE: 2001-09-20
 ; PRIOR APPLICATION NUMBER: 60/168,594
 ; PRIOR FILING DATE: 1999-11-29
 ; PRIOR APPLICATION NUMBER: 09/724,842
 ; PRIOR FILING DATE: 2000-11-28
 ; NUMBER OF SEQ ID NOS: 65
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 4
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: All D peptides
 ; OTHER INFORMATION: or peptidomimetics
 US-09-867-847-4

Query Match 100.0%; Score 40; DB 9; Length 28;
 Best Local Similarity 100.0%; Pred. No. 0.16;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8

Db |||||
16 KLVFFAED 23

RESULT 27

US-09-865-294-66

; Sequence 66, Application US/09865294
; Publication No. US20030068325A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Chang Yi
; TITLE OF INVENTION: Immunogenic peptide composition as vaccines for the
; TITLE OF INVENTION: prevention and treatment of Alzheimer's Disease
; FILE REFERENCE: 1151-4167
; CURRENT APPLICATION NUMBER: US/09/865,294
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 66
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-865-294-66

Query Match 100.0%; Score 40; DB 10; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
Db 16 KLVFFAED 23

RESULT 28

US-09-792-079-5

; Sequence 5, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersh, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment
Of Alzheimer's
; TITLE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0261
; CURRENT APPLICATION NUMBER: US/09/792,079
; CURRENT FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-792-079-5

Query Match 100.0%; Score 40; DB 10; Length 28;

Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 29

US-10-159-279-5

; Sequence 5, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersh, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzheimer's
; TITLE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0298
; CURRENT APPLICATION NUMBER: US/10/159,279
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 09/792,079
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-159-279-5

Query Match 100.0%; Score 40; DB 14; Length 28;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 30

US-09-861-847-1

; Sequence 1, Application US/09861847
; Patent No. US20020077288A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES HOMOLOGOUS TO
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO AMYLOID BETA AND
; TITLE OF INVENTION: AMYLOID DEPOSITS
; FILE REFERENCE: FRANGIONE=2A

; CURRENT APPLICATION NUMBER: US/09/861,847
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/016,233
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-861-847-1

Query Match 100.0%; Score 40; DB 9; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 31

US-10-301-488A-1

; Sequence 1, Application US/10301488A
; Publication No. US20030166558A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING
POLYPEPTIDES AND
; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN,
AMYLIN,
; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION
OF AN
; TITLE OF INVENTION: IMMUNE RESPONSE THERETO
; FILE REFERENCE: 5986/1K434US1
; CURRENT APPLICATION NUMBER: US/10/301,488A
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 60/331,801
; PRIOR FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-301-488A-1

Query Match 100.0%; Score 40; DB 14; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.17;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 32

US-09-930-915A-295

; Sequence 295, Application US/09930915A
; Publication No. US20030138769A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBc CHIMER PARTICLES HAVING ENHANCED
; TITLE OF INVENTION: STABILITY
; FILE REFERENCE: 4564/83501 ICC-102.2 PCT
; CURRENT APPLICATION NUMBER: US/09/930,915A
; CURRENT FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: 60/226,867
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,843
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 313
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 295
; LENGTH: 33
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-930-915A-295

Query Match 100.0%; Score 40; DB 10; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 33

US-10-082-014-84

; Sequence 84, Application US/10082014
; Publication No. US20030185858A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBc CHIMER PARTICLES STABILIZED WITH AN N-
TERMINAL CYSTEINE
; FILE REFERENCE: ICC-130.0 4564/85124
; CURRENT APPLICATION NUMBER: US/10/082,014
; CURRENT FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: 09/930,915
; PRIOR FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 84
; LENGTH: 33
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-082-014-84

Query Match 100.0%; Score 40; DB 14; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 34

US-10-372-076-85

; Sequence 85, Application US/10372076
; Publication No. US20030198645A1
; GENERAL INFORMATION:
; APPLICANT: Page, Mark
; APPLICANT: Friede, Martin
; TITLE OF INVENTION: STABILIZED HBc CHIMER PARTICLES AS THERAPEUTIC VACCINE
FOR
; TITLE OF INVENTION: CHRONIC HEPATITIS
; FILE REFERENCE: 4564/87179
; CURRENT APPLICATION NUMBER: US/10/372,076
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: 10/080,299
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 10/082,014
; PRIOR FILING DATE: 2002-02-22
; NUMBER OF SEQ ID NOS: 308
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 85
; LENGTH: 33
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-372-076-85

Query Match 100.0%; Score 40; DB 14; Length 33;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 35

US-09-867-847-3

; Sequence 3, Application US/09867847
; Patent No. US20020094335A1
; GENERAL INFORMATION:
; APPLICANT: Chalifour, Robert
; APPLICANT: Hebert, Lise
; APPLICANT: Kong, Xianqi
; APPLICANT: Gervais, Francine
; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
; TITLE OF INVENTION: AND AMYLOID RELATED DISEASES
; FILE REFERENCE: 14445-501 CIP
; CURRENT APPLICATION NUMBER: US/09/867,847

```

; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/168,594
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: 09/724,842
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 35
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: All D peptides
; OTHER INFORMATION: or peptidomimetics
US-09-867-847-3

```

```

Query Match          100.0%; Score 40; DB 9; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches      8; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

```

```

Qy          1 KLVFFAED 8
             |||||
Db          16 KLVFFAED 23

```

RESULT 36

US-09-972-475-16

```

; Sequence 16, Application US/09972475
; Patent No. US20020098173A1
; GENERAL INFORMATION:
;   APPLICANT: Findeis, Mark A. et al.
;   TITLE OF INVENTION: Modulators of Amyloid Aggregation
;   NUMBER OF SEQUENCES: 45
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: LAHIVE & COCKFIELD, LLP
;     STREET: 28 State Street
;     CITY: Boston
;     STATE: Massachusetts
;     COUNTRY: USA
;     ZIP: 02109-1875
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/09/972,475
;     FILING DATE: 04-Oct-2001
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: 08/617,267
;     FILING DATE: <Unknown>
;     APPLICATION NUMBER: USSN 08/475,579
;     FILING DATE: 07-JUN-1995
;     APPLICATION NUMBER: USSN 08/548,998
;     FILING DATE: 27-OCT-1995
;   ATTORNEY/AGENT INFORMATION:
;     NAME: DeConti, Giulio A.

```


; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: PPI-002CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-972-475-16

Query Match 100.0%; Score 40; DB 9; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||||
Db 11 KLVFFAED 18

RESULT 37

US-10-463-729-16

; Sequence 16, Application US/10463729
; Publication No. US20040005307A1
; GENERAL INFORMATION:
; APPLICANT: Findeis, Mark A. et al.
; TITLE OF INVENTION: Modulators of Amyloid Aggregation
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/463,729
; FILING DATE: 17-JUNE-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/617,267C
; FILING DATE: 14-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/404,831
; FILING DATE: 14-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/475,579
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/548,998
 ; FILING DATE: 27-OCT-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: DeConti, Giulio A.
 ; REGISTRATION NUMBER: 31,503
 ; REFERENCE/DOCKET NUMBER: PPI-002CP2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (617)227-7400
 ; TELEFAX: (617)227-5941
 ; INFORMATION FOR SEQ ID NO: 16:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 35 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; FRAGMENT TYPE: internal
 US-10-463-729-16

Query Match 100.0%; Score 40; DB 15; Length 35;
 Best Local Similarity 100.0%; Pred. No. 0.2;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 11 KLVFFAED 18

RESULT 38
 US-09-861-847-6
 ; Sequence 6, Application US/09861847
 ; Patent No. US20020077288A1
 ; GENERAL INFORMATION:
 ; APPLICANT: FRANGIONE, Blas
 ; APPLICANT: WISNIEWSKI, Thomas
 ; APPLICANT: SIGURDSSON, Einar
 ; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES
 HOMOLOGOUS TO
 ; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO
 AMYLOID BETA AND
 ; TITLE OF INVENTION: AMYLOID DEPOSITS
 ; FILE REFERENCE: FRANGIONE=2A
 ; CURRENT APPLICATION NUMBER: US/09/861,847
 ; CURRENT FILING DATE: 2001-05-22
 ; PRIOR APPLICATION NUMBER: 60/016,233
 ; PRIOR FILING DATE: 2000-05-22
 ; NUMBER OF SEQ ID NOS: 14
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 6
 ; LENGTH: 36
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: C-terminal residue 36 may be amidated.
 US-09-861-847-6

Query Match 100.0%; Score 40; DB 9; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 22 KLVFFAED 29

RESULT 39

US-09-861-847-11

; Sequence 11, Application US/09861847
; Patent No. US20020077288A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES
HOMOLOGOUS TO
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO
AMYLOID BETA AND
; TITLE OF INVENTION: AMYLOID DEPOSITS
; FILE REFERENCE: FRANGIONE=2A
; CURRENT APPLICATION NUMBER: US/09/861,847
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/016,233
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-861-847-11

Query Match 100.0%; Score 40; DB 9; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 40

US-10-301-488A-6

; Sequence 6, Application US/10301488A
; Publication No. US20030166558A1
; GENERAL INFORMATION:
; APPLICANT: FRANGIONE, Blas
; APPLICANT: WISNIEWSKI, Thomas
; APPLICANT: SIGURDSSON, Einar
; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING
POLYPEPTIDES AND

; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
 ; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
 ; TITLE OF INVENTION: IMMUNE RESPONSE THERETO
 ; FILE REFERENCE: 5986/1K434US1
 ; CURRENT APPLICATION NUMBER: US/10/301,488A
 ; CURRENT FILING DATE: 2002-11-21
 ; PRIOR APPLICATION NUMBER: US 60/331,801
 ; PRIOR FILING DATE: 2001-11-21
 ; NUMBER OF SEQ ID NOS: 55
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 6
 ; LENGTH: 36
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: C-terminal residue 36 may be amidated.
 US-10-301-488A-6

Query Match 100.0%; Score 40; DB 14; Length 36;
 Best Local Similarity 100.0%; Pred. No. 0.21;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 22 KLVFFAED 29

RESULT 41

US-10-301-488A-11

; Sequence 11, Application US/10301488A
 ; Publication No. US20030166558A1
 ; GENERAL INFORMATION:
 ; APPLICANT: FRANGIONE, Blas
 ; APPLICANT: WISNIEWSKI, Thomas
 ; APPLICANT: SIGURDSSON, Einar
 ; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-DEPOSIT-FORMING POLYPEPTIDES AND
 ; TITLE OF INVENTION: PEPTIDES HOMOLOGOUS TO AMYLOID BETA, PRION PROTEIN, AMYLIN,
 ; TITLE OF INVENTION: ALPHA-SYNUCLEIN, OR POLYGLUTAMINE REPEATS FOR INDUCTION OF AN
 ; TITLE OF INVENTION: IMMUNE RESPONSE THERETO
 ; FILE REFERENCE: 5986/1K434US1
 ; CURRENT APPLICATION NUMBER: US/10/301,488A
 ; CURRENT FILING DATE: 2002-11-21
 ; PRIOR APPLICATION NUMBER: US 60/331,801
 ; PRIOR FILING DATE: 2001-11-21
 ; NUMBER OF SEQ ID NOS: 55
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 11
 ; LENGTH: 36
 ; TYPE: PRT

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-301-488A-11

Query Match 100.0%; Score 40; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 42

US-10-051-496-5

; Sequence 5, Application US/10051496
; Publication No. US20020182660A1

; GENERAL INFORMATION:

; APPLICANT: Kei-Lai L. Fong

; TITLE OF INVENTION: N- and C-Terminus Specific Immunoassays for
; Full Length Beta-Amyloid Peptide - Abeta(1-40),
Abeta(1-39),

; Abeta(1-41), Abeta(1-42) and Abeta (1-43)

; NUMBER OF SEQUENCES: 5

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Kei-Lai L. Fong

; STREET: 1004 West 8th Avenue

; CITY: King of Prussia

; STATE: Pennsylvania

; COUNTRY: USA

; ZIP: 19406

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.50 inch, 1.44MB storage

; COMPUTER: IBM PC Compatibles

; OPERATING SYSTEM: Windows

; SOFTWARE: MS No. US20020182660A1epad

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/051,496

; FILING DATE: 18-Jan-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/784,854A

; FILING DATE: 16-Feb-2001

; APPLICATION NUMBER: 60/183,407

; FILING DATE: 18-February-2000

; ATTORNEY/AGENT INFORMATION:

; NAME: Koenig, C. Frederick III

; REGISTRATION NUMBER: 29,662

; REFERENCE/DOCKET NUMBER: PBI-PT001.1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-6400

; TELEFAX: (215) 568-6499

; INFORMATION FOR SEQ ID NO: 5:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 39 Amino Acid

; TYPE: Amino Acid

```

;          TOPOLOGY: Linear
;    MOLECULE TYPE: Protein
;    FEATURE:
;          NAME/KEY:   Signal Sequence
;          LOCATION:   1-39
;          IDENTIFICATION METHOD:   Similarity to other sequences, hydro-
phobic
;          OTHER INFORMATION:
;    PUBLICATION INFORMATION:
;          AUTHORS:
;          TITLE:
;          JOURNAL:
;          VOLUME:
;          ISSUE:
;          PAGES:
;          DATE:
;          RELEVANT RESIDUES IN SEQ ID NO:   5:FROM 1-39
;    SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-051-496-5

```

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Query Match          100.0%;   Score 40;   DB 13;   Length 39;
Best Local Similarity 100.0%;   Pred. No. 0.23;
Matches      8;   Conservative      0;   Mismatches      0;   Indels      0;   Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 43

US-10-190-548A-5

```

; Sequence 5, Application US/10190548A
; Publication No. US20030109435A1
; GENERAL INFORMATION:
; APPLICANT: Griswold Prenner, Irene
; APPLICANT: Wright, Sarah
; APPLICANT: Yednock, Theodore
; APPLICANT: Rydel, Russell
; TITLE OF INVENTION: Methods of Inhibiting Amyloid Toxicity
; FILE REFERENCE: 08576.0030-00
; CURRENT APPLICATION NUMBER: US/10/190,548A
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 39
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-190-548A-5

```

```

Query Match          100.0%;   Score 40;   DB 14;   Length 39;
Best Local Similarity 100.0%;   Pred. No. 0.23;
Matches      8;   Conservative      0;   Mismatches      0;   Indels      0;   Gaps      0;

```

```

Qy          1 KLVFFAED 8
            |||||
Db          16 KLVFFAED 23

```

RESULT 44

US-09-861-847-7

; Sequence 7, Application US/09861847
 ; Patent No. US20020077288A1
 ; GENERAL INFORMATION:
 ; APPLICANT: FRANGIONE, Blas
 ; APPLICANT: WISNIEWSKI, Thomas
 ; APPLICANT: SIGURDSSON, Einar
 ; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES
 HOMOLOGOUS TO
 ; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO
 AMYLOID BETA AND
 ; TITLE OF INVENTION: AMYLOID DEPOSITS
 ; FILE REFERENCE: FRANGIONE=2A
 ; CURRENT APPLICATION NUMBER: US/09/861,847
 ; CURRENT FILING DATE: 2001-05-22
 ; PRIOR APPLICATION NUMBER: 60/016,233
 ; PRIOR FILING DATE: 2000-05-22
 ; NUMBER OF SEQ ID NOS: 14
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 7
 ; LENGTH: 40
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: Amino acid residues 1-6 can either be absent or present
 as Lys or
 ; OTHER INFORMATION: Asp to form, in combination with residues 7-10, a N-
 terminal
 ; OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in
 length.
 ; NAME/KEY: misc_feature
 ; OTHER INFORMATION: The C-terminal Ala residue may be amidated.
 US-09-861-847-7

Query Match 100.0%; Score 40; DB 9; Length 40;
 Best Local Similarity 100.0%; Pred. No. 0.23;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
 |||||
 Db 26 KLVFFAED 33

RESULT 45

US-09-861-847-8

; Sequence 8, Application US/09861847
 ; Patent No. US20020077288A1
 ; GENERAL INFORMATION:
 ; APPLICANT: FRANGIONE, Blas
 ; APPLICANT: WISNIEWSKI, Thomas
 ; APPLICANT: SIGURDSSON, Einar

; TITLE OF INVENTION: SYNTHETIC IMMUNOGENIC BUT NON-AMYLOIDOGENIC PEPTIDES
HOMOLOGOUS TO
; TITLE OF INVENTION: AMYLOID BETA FOR INDUCTION OF AN IMMUNE RESPONSE TO
AMYLOID BETA AND
; TITLE OF INVENTION: AMYLOID DEPOSITS
; FILE REFERENCE: FRANGIONE=2A
; CURRENT APPLICATION NUMBER: US/09/861,847
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 60/016,233
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; NAME/KEY: misc_feature
; OTHER INFORMATION: Amino acid residues 35-40 can either be absent or present
as Lys
; OTHER INFORMATION: or Asp to form, in combination with residues 31-34, a C-
terminal
; OTHER INFORMATION: polylysine or polyaspartate segment of 4-10 residues in
length.
US-09-861-847-8

Query Match 100.0%; Score 40; DB 9; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.23;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KLVFFAED 8
|||||||
Db 16 KLVFFAED 23

RESULT 46

US-09-867-847-2

; Sequence 2, Application US/09867847
; Patent No. US20020094335A1
; GENERAL INFORMATION:
; APPLICANT: Chalifour, Robert
; APPLICANT: Hebert, Lise
; APPLICANT: Kong, Xianqi
; APPLICANT: Gervais, Francine
; TITLE OF INVENTION: VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S
; TITLE OF INVENTION: AND AMYLOID RELATED DISEASES
; FILE REFERENCE: 14445-501 CIP
; CURRENT APPLICATION NUMBER: US/09/867,847
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/168,594
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: 09/724,842
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2